

RECEIVED: 5/25/2018 5/25/2018	REVIEWER: mm	TYPE: PLC	APP NO: PMA 41814529041
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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**

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

05/23/2018

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 A
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: 05/23/2018

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

Commingle 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-405A. Oil measurement for sales will now be at each individual battery rather than at a common location. Oil production will be allocated to each well based on well test.

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	Surface Location	Bottomhole Location	Date Online	BOPD	OIL GRAVITY	MSCFD	BWPD
POOL: CEDAR CANYON; DELAWARE (11540) - STATE LEASE NO. VA-0836-0001								
Cedar Canyon 16 State #11H	30-015-42062	C-16-T24S-R29E	N-16-T24S-R29E	Apr-2015	45	44	61	417
POOL: PIERCE CROSSING; BONE SPRING, EAST (96473) - STATE LEASE NO. VA-0836-0001								
Cedar Canyon 16 State #1H	30-015-39856	D-16-T24S-R29E	M-16-T24S-R29E	Sep-2012	392	43	404	526
Cedar Canyon 16 State #2H	30-015-41024	P-16-T24S-R29E	M-16-T24S-R29E	Jun-2013	1	44	48	88
Cedar Canyon 16 State #6H	30-015-41595	L-15-T24S-R29E	L-16-T24S-R29E	Sep-2014	67	44	149	149
Cedar Canyon 16 State #7H	30-015-41251	E-15-T24S-R29E	E-16-T24S-R29E	Aug-2013	24	43.4	530	189
Cedar Canyon 16 State #8H	30-015-41596	A-16-T24S-R29E	D-16-T24S-R29E	Oct-2014	60	44	135	232
Cedar Canyon 16 State #9H	30-015-42061	D-16-T24S-R29E	M-16-T24S-R29E	Sep-2015	108	44	188	872
Cedar Canyon 16 State #10H	30-015-42055	C-16-T24S-R29E	N-16-T24S-R29E	Dec-2014	86	44	107	523
Cedar Canyon 16 State #12H	30-015-42683	M-15-T24S-R29E	M-16-T24S-R29E	Mar-2015	86	44	266	235
POOL: PURPLE SAGE; WOLFCAMP (98220) - STATE LEASE NO. VA-0836-0001								
Cedar Canyon 16 State #33H	30-015-43844	A-16-T24S-R29E	O-16-T24S-R29E	Dec-2016	292	45	187	1150
Cedar Canyon 16 State #34H	30-015-43843	A-16-T24S-R29E	P-16-T24S-R29E	Dec-2016	199	45	201	1165

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 through a LACT meter (located at D-16-T24S-R29E) and sent to 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	Surface Location	Bottomhole Location	Date Online	BOPD	OIL GRAVITY	MSCFD	BWPD
POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)								
Cedar Canyon 15 #4H	30-015-41291	E-15-24S-29E	H-15-24S-29E	Aug-2013	21	43	78	89
Harroun 9 #1	30-015-34997	P-09-24S-29E	N-09-24S-29E	Jan-2008	4	43	28	28
Harroun 9 #3H	30-015-41488	P-09-24S-29E	M-09-24S-29E	Feb-2014	63	43	47	151

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 through a LACT meter (located at P-09-24S-29E) then sent to 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	Surface Location	Bottomhole Location	Date Online	BOPD	OIL GRAVITY	MSCFD	BWPD
POOL: CEDAR CANYON; DELAWARE (11540)								
Harroun 10 #1	30-015-30375	N-10-24S-29E	N/A	Jul-2004	8	42.9	28	90
Harroun 10 #2	30-015-31709	M-10-24S-29E	N/A	Jul-2004	1	42.9	15	23
Harroun 10 #3	30-015-32617	L-10-24S-29E	N/A	Aug-2004	6	42.9	21	31
Harroun 15 #7	30-015-29987	C-15-24S-29E	N/A	Jul-2004	3	42.9	4	111
Harroun 15 #8	30-015-30253	F-15-24S-29E	N/A	Jul-2004	3	42.9	22	67
Harroun 15 #14	30-015-32620	D-15-24S-29E	N/A	Jun-2005	3	42.9	3	28
POOL: CORRAL DRAW; BONE SPRING (96238)								
Cedar Canyon 17 Fee #1H	30-015-42058	A-17-24S-29E	E-17-24S-29E	Aug-2014	59	42.9	162	121
POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)								
Harroun 15 #15	30-015-33317	E-15-24S-29E	G-15-24S-29E	Oct-2004	2	42.9	48	10
Harroun 15 #16A	30-015-33823	L-15-24S-29E	J-15-24S-29E	May-2005	5	42.9	39	34
Harroun 15 #17	30-015-33822	M-15-24S-29E	O-15-24S-29E	Jan-2008	6	42.9	74	14
Cedar Canyon 15 #2H	30-015-41032	M-15-24S-29E	P-15-24S-29E	Aug-2013	15	43	67	92
Cedar Canyon 15 #3H	30-015-41594	L-15-24S-29E	I-15-24S-29E	Sep-2014	78	42.9	320	254
Cedar Canyon 22 #2H	30-015-41327	D-22-24S-29E	A-22-24S-29E	Aug-2013	81	42.9	248	223
POOL: PIERCE CROSSING; BONE SPRING, EAST (96473) - CA NMNM134544 (NMNM88137)								
Cedar Canyon 15 Fed Com 5H	30-015-42421	D-15-24S-29E	A-15-24S-29E	Jan-2015	79	42.5	283	248

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 through a LACT meter (located at E-15-24S-29E) then sent to 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.

Additional Application Components:

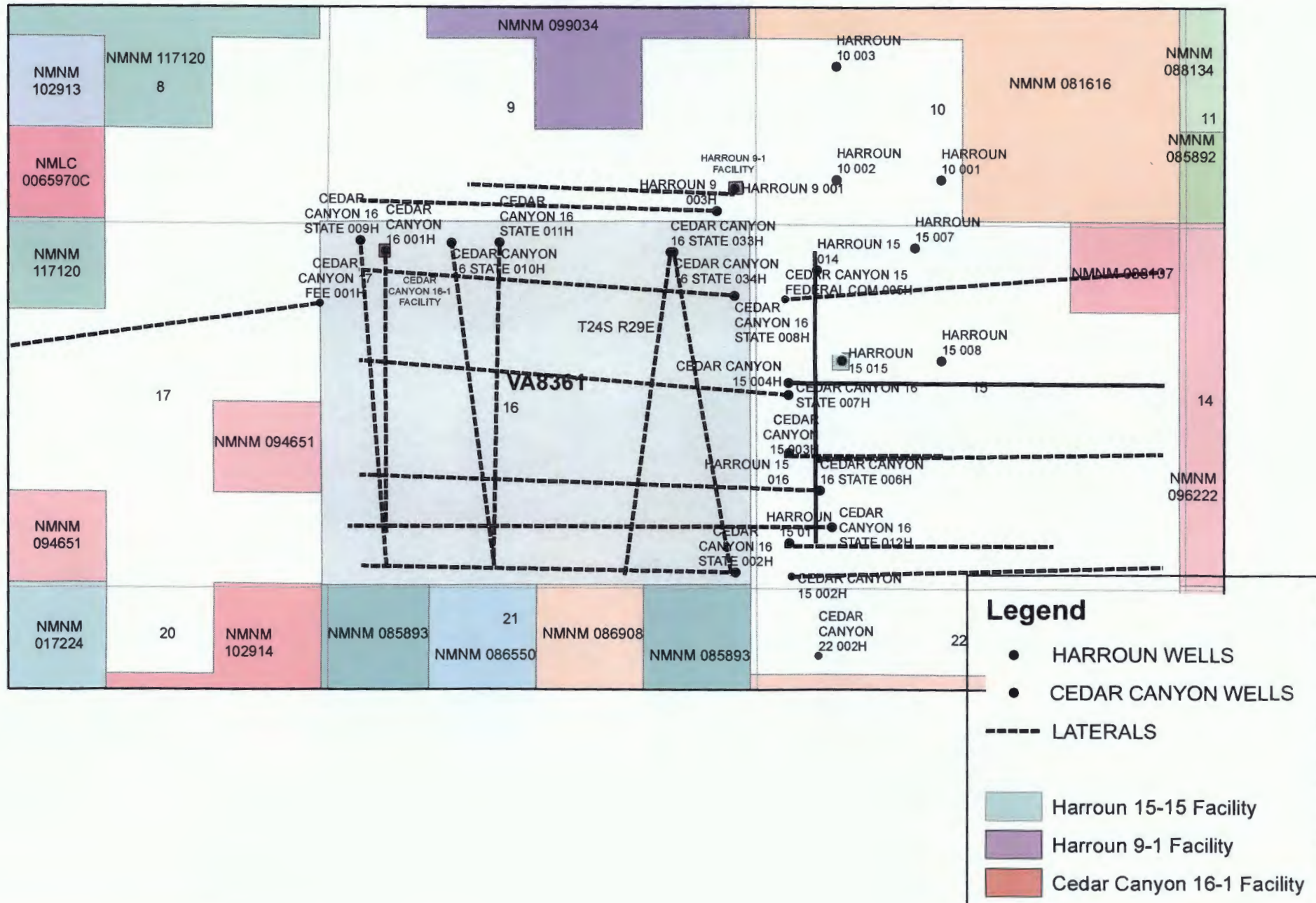
The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, well and battery locations.

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

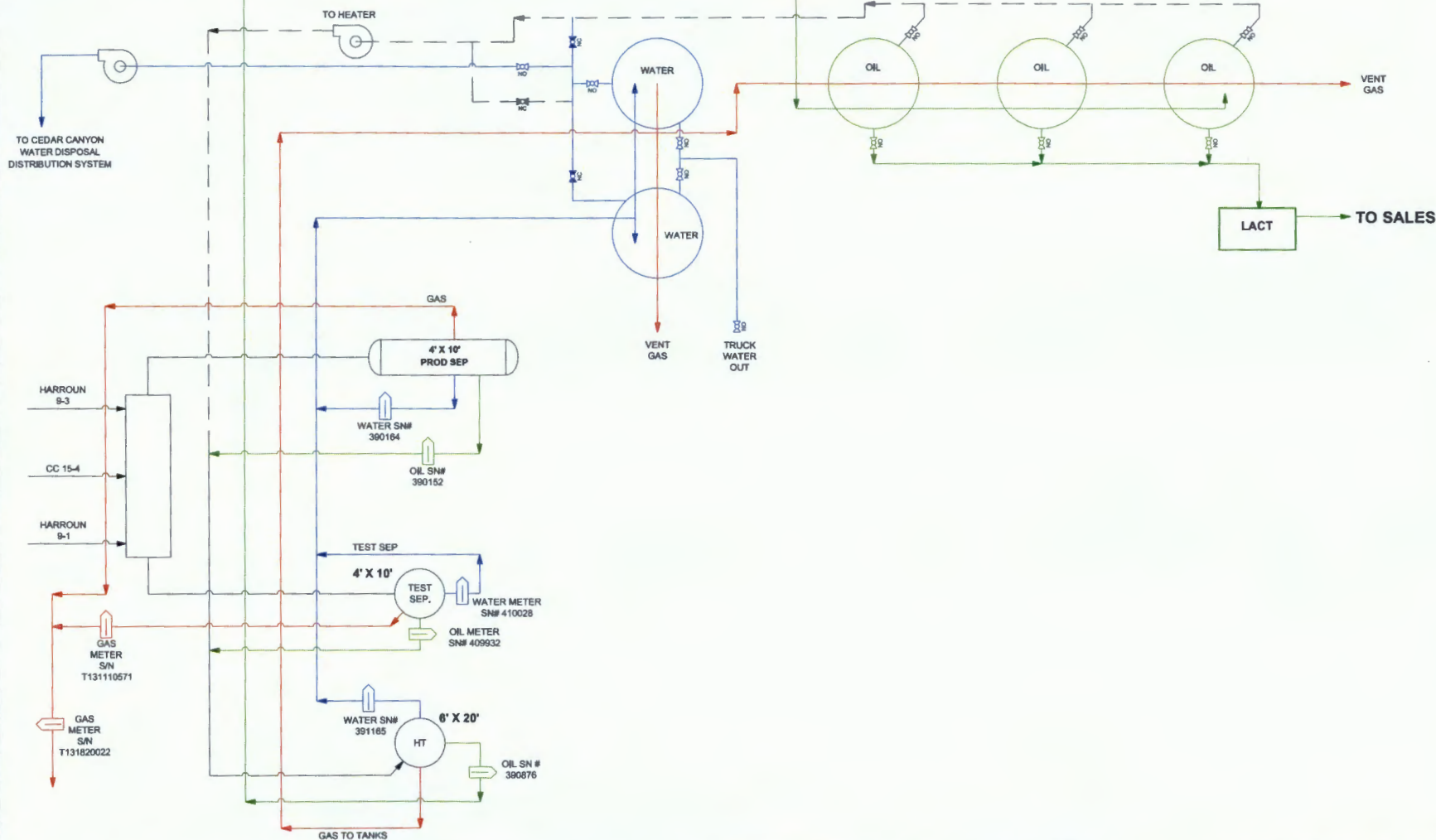
Pursuant to Statewide rule 19.15.12.10(C)(4)(g) OXY USA INC requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

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.

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



HARROUN 9-1 CTB



<table border="1"> <tr> <th>DATE</th> <th>BY</th> <th>CHECKED BY</th> <th>DESCRIPTION</th> <th>PROJECT #</th> <th>PROJ. ENG.</th> <th>SIGNATURE</th> <th>REV</th> <th>DATE</th> <th>APP. BY</th> </tr> <tr> <td>10-08-17</td> <td>URS</td> <td>TS</td> <td>ISSUED FOR REVIEW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>08-08-17</td> <td>JS</td> <td></td> <td>ISSUED FOR REVIEW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										DATE	BY	CHECKED BY	DESCRIPTION	PROJECT #	PROJ. ENG.	SIGNATURE	REV	DATE	APP. BY	10-08-17	URS	TS	ISSUED FOR REVIEW							08-08-17	JS		ISSUED FOR REVIEW						
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PROJECT DRAWING REVISION

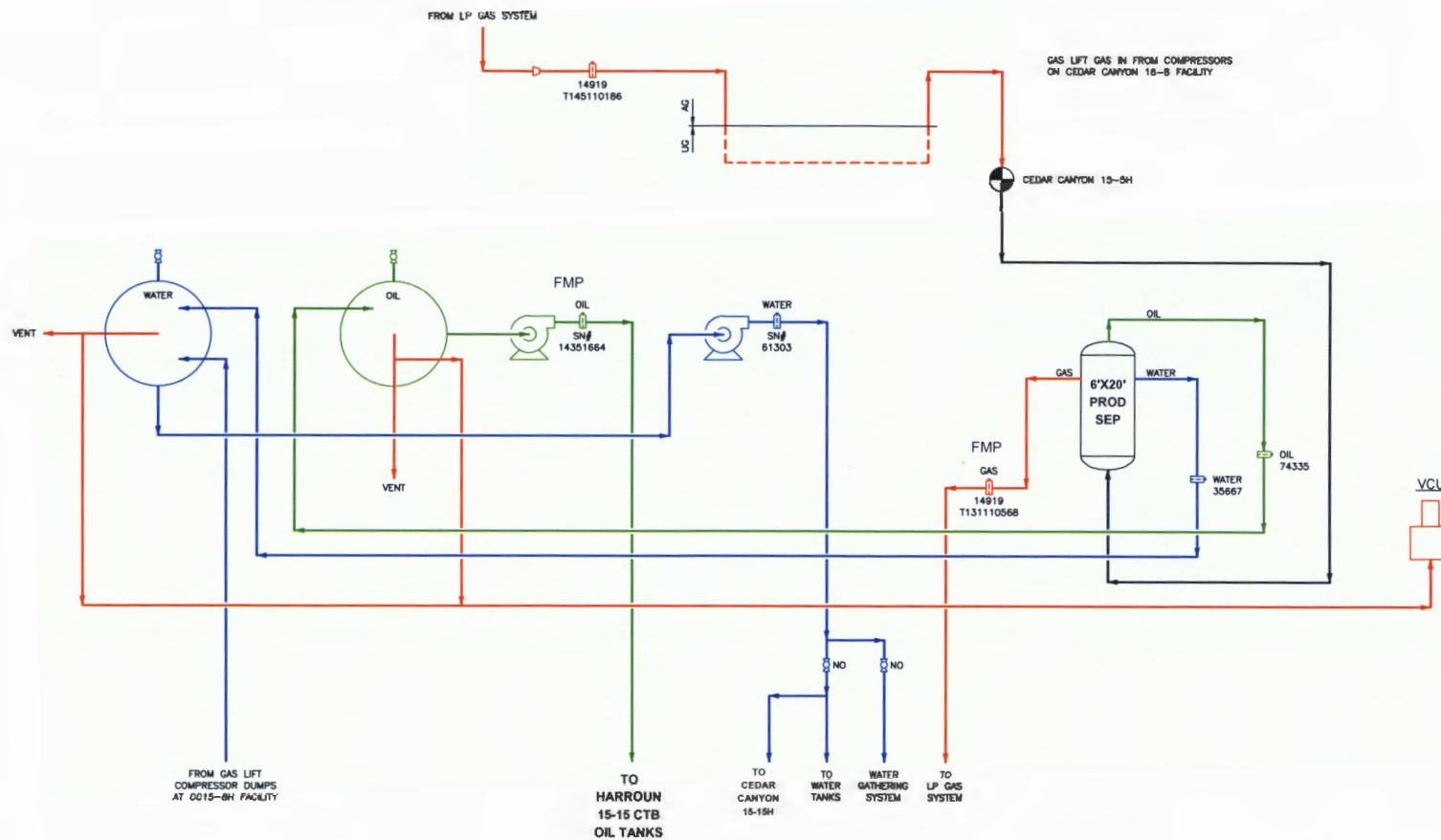
IN CASE OF DEVIATIONS A MARKED UP PRINT SHALL BE SENT TO THE PROJECT ENGINEER

MASTER DRAWING REVISION

NOTES/REFERENCE DRAWINGS

FACILITY CODE: HARROUN 9-1 CTB		SCALE: 1" = 10'		CAD DRAWING	
DISC CODE: PRO		FACILITY TYPE: CTB		Oxy USA Inc. - Permian Resources	
DWG NO.	ASSET	FACILITY CODE	DISC CODE	SHEET NUMBER	REV
10	NM	PRO	00001	001	8

CEDAR CANYON 15 FEDERAL COM 5H SATELLITE



NOTES

REV	DATE	DRAWN BY	CHECKED BY	DESCRIPTION	CHECKED PROJECT #	PROJ. ENG. QTY APPROVAL	SIGNATURE	REV	DATE	APP. BY	DESCRIPTION	PROJECT NUMBER	PROJ. ENG. QTY APPROVAL	SPEC. QTY APPROVAL	DESCRIPTION
B	10/03/2017	JM	TS	ISSUED FOR REVIEW											
A	08/16/2017	LSB	TS	ISSUED FOR REVIEW											

PROJECT DRAWING REVISION

IN CASE OF DEVIATIONS A MASKED UP FRONT SHALL BE SENT TO THE PROJECT ENGINEER

NOTES/REFERENCE DRAWINGS

MASTER DRAWING REVISION

FACILITY CODE: CC 15-5H

DISC CODE: PRO

FACILITY TYPE: CTB

DISC TYPE: PROCESS FLOW DIAGRAM

DESCRIPTION: GAS LIFT

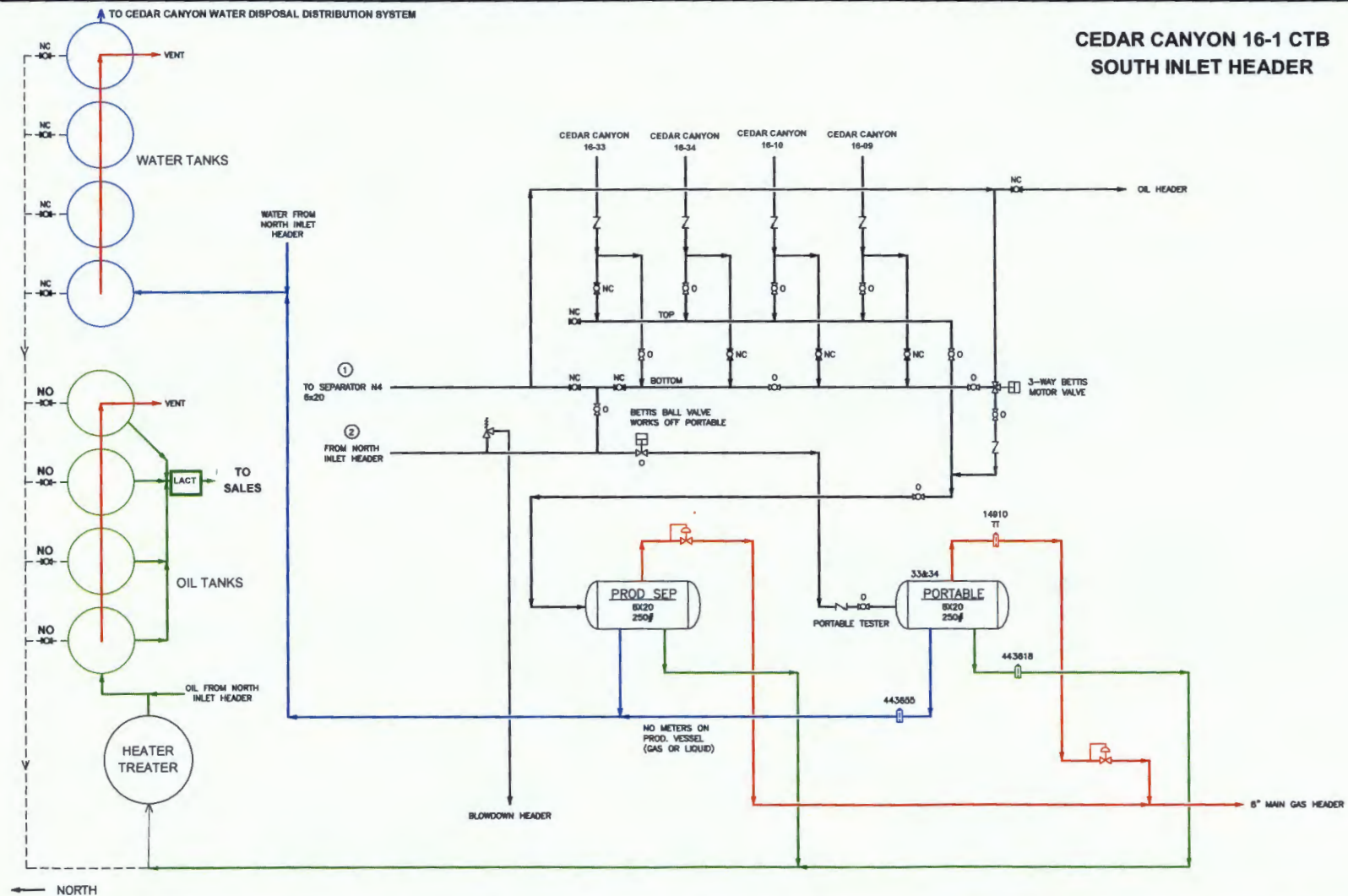
SCALE: 1 NONE CAD DRAWING

Oxy USA Inc. - Permit Resources

A subsidiary of Occidental Petroleum Corporation

NO PER CC15-5H PRO 00001 001 B

CEDAR CANYON 16-1 CTB SOUTH INLET HEADER



NOTES

REV	DATE	DRAWN BY	CHECKED BY	DESCRIPTION	CHECKED PROJECT #	PROD. ENG. DRY APPROVAL	SIGNATURE	REV	DATE	APP. BY	DESCRIPTION	PROJECT NUMBER	PROJ. NO.	SPEC. NO.	DRY APPROVAL
B	10/16/2017	JL	TS	ISSUED FOR REVIEW											
A	09/19/2017	DS	TS	ISSUED FOR REVIEW											

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: CC 16-1
DRG CODE: PRO

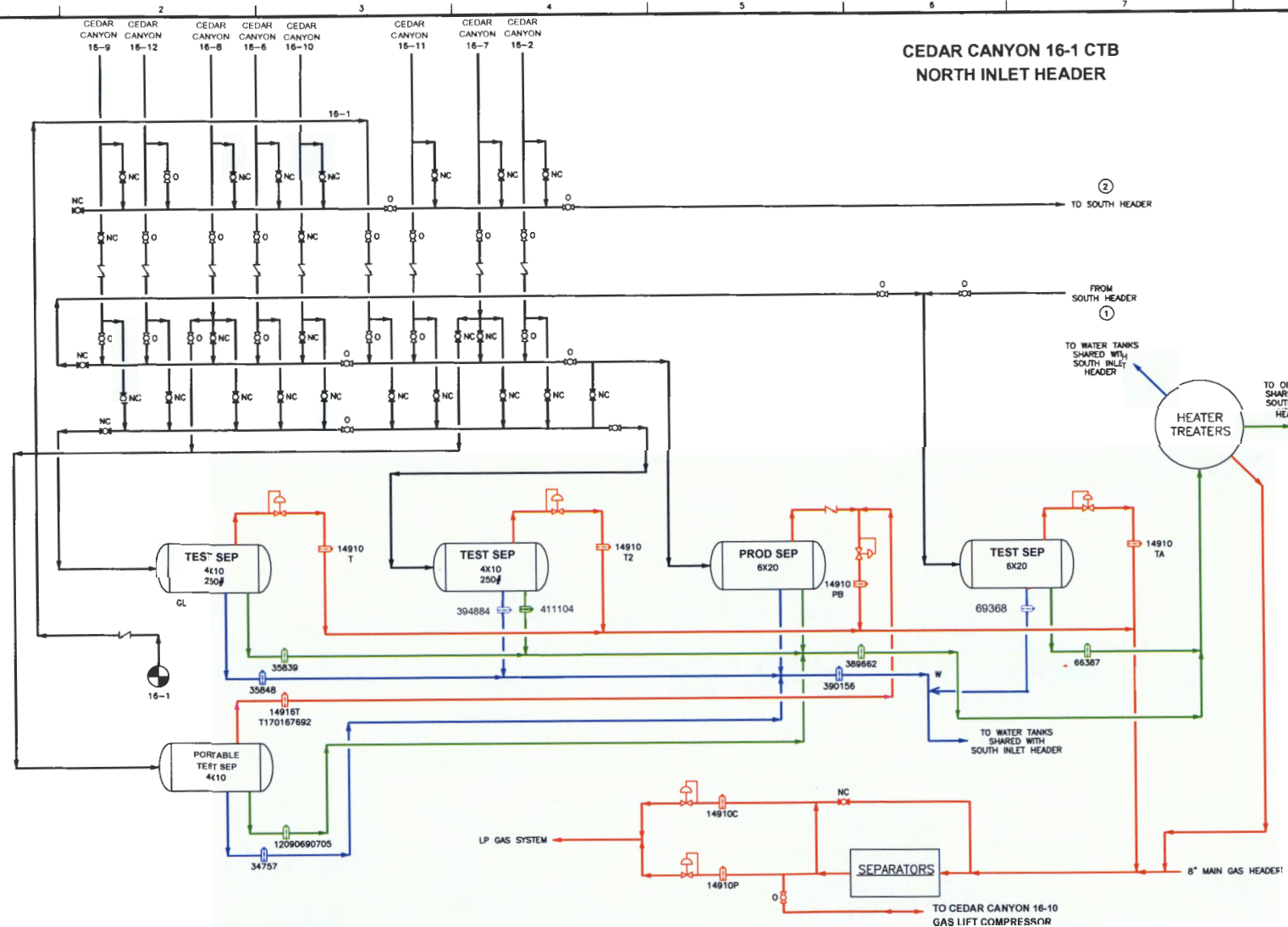
FACILITY TYPE: CTB

DRG TYPE: PROCESS FLOW DIAGRAM

DESCRIPTION: SOUTH INLET HEADER

SCALE	1	2	3	4	5	6	7
NONE							
CAD DRAWING							
Oxy USA Inc. - Permian Resources							
DRG ASSET	FACILITY CODE	DRG CODE	SHEET NUMBER	SHEET REV			
NO	PER	CC16-1	PRO	00001	002	B	

CEDAR CANYON 16-1 CTB NORTH INLET HEADER



NOTES

REV	DATE	BY	CHECKED BY	DESCRIPTION	PROJECT #	PROJ. ENG. OXY APPROVAL	SIGNATURE	DATE	APP. BY	DESCRIPTION	PROJECT NUMBER	PROJ. ENG. OXY APPROVAL	DESCRIPTION
B	10/26/2017	JH	TS	ISSUED FOR REVIEW									
A	08/16/2017	JH	TS	ISSUED FOR REVIEW									

PROJECT DRAWING REVISION

MASTER DRAWING REVISION

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

NOTES/REFERENCE DRAWINGS

FACILITY CODE: CEDAR CANYON 16-1 CTB

DISC CODE: PRO

PROCESS FLOW DIAGRAM

DESCRIPTION NORTH INLET HEADER

SCALE: NONE 3 CAD DRAWING

Oxy USA Inc., Permian Resources

PER CC16-1 PRO 00001 001 B

Harroun 15-15

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	1279	47	13080	3767
Nov-2017	1393	46	4155	4199
Dec-2017	1253	46	2343	2686
Jan-2018	2140	69	819	3453
Feb-2018	2074	74	1611	4032
Mar-2018	2194	71	6233	2935

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	3404	110	13130	9953
Nov-2017	2229	74	11645	4673
Dec-2017	2285	74	13305	8896
Jan-2018	2720	88	6160	7245
Feb-2018	1958	70	5992	8880
Mar-2018	1676	54	8013	6562

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	586	19	2118	1595
Nov-2017	513	17	2183	965
Dec-2017	562	19	1428	2914
Jan-2018	424	14	2412	3931
Feb-2018	345	12	2107	4422
Mar-2018	337	11	1877	2851

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	3246	112	13222	13019
Nov-2017	2107	70	5712	4631
Dec-2017	1358	47	6041	3445
Jan-2018	460	66	1804	709
Feb-2018	0	0	0	0
Mar-2018	2656	98	3471	5357

Harroun 10 #1 (30-015-30375)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	276	9	1807	2620
Nov-2017	267	9	1850	2830
Dec-2017	277	9	625	2899
Jan-2018	364	12	255	2426
Feb-2018	178	6	188	3064
Mar-2018	133	4	413	2509

Harroun 10 #2 (30-015-31709)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	49	2	1068	831
Nov-2017	38	1	998	1174
Dec-2017	31	1	299	781
Jan-2018	25	1	149	649
Feb-2018	36	1	148	453
Mar-2018	30	1	144	250

Harroun 15-15

Harroun 10 #3 (30-015-32617)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	129	4	891	1296
Nov-2017	130	4	1214	1286
Dec-2017	152	5	442	767
Jan-2018	220	7	268	686
Feb-2018	216	8	337	843
Mar-2018	164	5	688	853

Harroun 15 #7 (30-015-29987)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	81	3	130	3113
Nov-2017	75	3	176	4008
Dec-2017	88	3	102	3360
Jan-2018	45	4	30	1287
Feb-2018	0	0	0	0
Mar-2018	17	3	28	425

Harroun 15 #8 (30-015-30253)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	81	3	1580	2927
Nov-2017	80	3	856	3016
Dec-2017	81	0	388	1421
Jan-2018	91	0	192	1561
Feb-2018	57	4	106	877
Mar-2018	99	3	492	1488

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	1745	56	22181	8833
Nov-2017	1729	58	8219	5110
Dec-2017	2487	80	6451	7588
Jan-2018	931	133	22	1449
Feb-2018	2185	115	995	3134
Mar-2018	2560	88	3663	10281

Harroun 15 #14 (30-015-32620)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	82	3	132	909
Nov-2017	77	3	135	1132
Dec-2017	94	3	59	867
Jan-2018	128	4	56	788
Feb-2018	91	3	58	710
Mar-2018	119	4	144	689

Harroun 15 #15 (30-015-33317)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	84	3	2269	307
Nov-2017	89	3	3216	610
Dec-2017	81	3	1523	472
Jan-2018	67	2	545	261
Feb-2018	32	1	368	28
Mar-2018	44	1	859	63

Harroun 15-15

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	224	7	2164	766
Nov-2017	169	6	2368	1012
Dec-2017	179	6	1040	739
Jan-2018	186	6	639	814
Feb-2018	115	4	409	1633
Mar-2018	109	4	484	1287

Harroun 15 #17 (30-015-33822)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	230	7	3248	373
Nov-2017	172	6	4291	760
Dec-2017	49	5	399	96
Jan-2018	146	7	565	256
Feb-2018	142	6	658	275
Mar-2018	149	5	1581	281

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

Harroun 9-1

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	1159	37	3382	3597
Nov-2017	394	13	3189	3508
Dec-2017	425	14	2112	2528
Jan-2018	530	19	2044	1538
Feb-2018	517	18	1608	2146
Mar-2018	715	23	1687	2573

Harroun 9 #1 (30-015-34997)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	0	0	469	2
Nov-2017	0	0	90	0
Dec-2017	0	0	663	0
Jan-2018	46	0	370	325
Feb-2018	250	9	547	2051
Mar-2018	371	12	2214	1930

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	1947	63	2067	2848
Nov-2017	734	24	1866	3523
Dec-2017	2027	70	721	6973
Jan-2018	1764	147	166	2032
Feb-2018	0	0	0	0
Mar-2018	0	0	0	0

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

Cedar Canyon 16-1

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	9	1	734	134
Nov-2017	0	0	0	0
Dec-2017	0	0	325	85
Jan-2018	1	1	59	15
Feb-2018	0	0	0	0
Mar-2018	13709	653	13036	18186

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	124	6	1712	1839
Nov-2017	0	0	1978	1843
Dec-2017	0	0	1391	2670
Jan-2018	0	0	1066	2070
Feb-2018	0	0	587	2256
Mar-2018	0	0	1353	4111

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	2535	87	12332	6742
Nov-2017	2142	71	5716	4448
Dec-2017	2136	69	2843	1421
Jan-2018	1736	56	2506	3194
Feb-2018	1557	56	1360	5443
Mar-2018	1986	64	2121	5523

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	2220	72	31308	4872
Nov-2017	0	0	9552	4230
Dec-2017	0	0	7426	6974
Jan-2018	0	0	1382	1434
Feb-2018	0	0	0	0
Mar-2018	0	0	155	240

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	2412	83	8740	5431
Nov-2017	1805	60	5778	4850
Dec-2017	1790	58	3062	7884
Jan-2018	1396	45	2104	8431
Feb-2018	1493	53	1692	8139
Mar-2018	1878	61	2882	6994

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	3163	109	8387	32990
Nov-2017	3671	122	6305	18386
Dec-2017	3202	110	4165	24665
Jan-2018	3475	112	4815	24622
Feb-2018	2815	101	3359	32309
Mar-2018	2916	94	6494	22277

Cedar Canyon 16-1

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	3760	134	4850	25256
Nov-2017	2601	90	3147	12438
Dec-2017	2349	76	2473	15270
Jan-2018	2252	78	2175	12300
Feb-2018	2248	80	2974	16340
Mar-2018	1888	61	3251	10449

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	1302	45	2412	20402
Nov-2017	1276	43	2002	8357
Dec-2017	1531	49	1642	11780
Jan-2018	1206	39	1826	7147
Feb-2018	1062	38	1190	10215
Mar-2018	1774	57	1822	17195

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	2471	80	16537	6786
Nov-2017	2929	98	8773	6151
Dec-2017	2294	88	6984	6769
Jan-2018	2653	86	3149	6474
Feb-2018	1379	73	980	5972
Mar-2018	0	0	0	0

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	9634	332	6455	39759
Nov-2017	9600	320	7867	25381
Dec-2017	10396	335	5056	39743
Jan-2018	8622	287	4561	33782
Feb-2018	7040	251	3653	39445
Mar-2018	6905	223	5843	27802

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Oct-2017	4800	155	6626	42493
Nov-2017	8437	281	7747	26701
Dec-2017	6503	210	5451	42952
Jan-2018	6276	202	5300	36962
Feb-2018	5413	193	3913	39581
Mar-2018	4826	156	7604	23316

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

May 23, 2018

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: Application to Amend Previously Approved 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 to amend previously approved surface commingle permit PLC-405-A for 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

OWNER NAME	ADDRESS	CITY	STATE	ZIP	TRACKING
ANDERSON,CURTIS A & EDNA I ANDERSON	9314 CHERRY BROOK LANE	FRISCO	TX	75033	7018 0040 0000 0923 2064
ANDREW AND JANET VOGT TRUST	13404 PIEDRA GRANDE PLACE NE	ALBUQUERQUE	NM	87111	7018 0040 0000 0923 2071
AVALANCHE ROYALTY PARTNERS LLC	475 17H STREET	DENVER	CO	80202	7018 0040 0000 0923 2088
BARWIS,PAUL R	P O BOX 230	MIDLAND	TX	79702	7018 0040 0000 0923 2095
BEN J FORTSON III CHILDRENS TRUST	P O BOX 29	FORT WORTH	TX	76101	7018 0040 0000 0923 2101
BERYL OIL AND GAS LP	P O BOX 51440	MIDLAND	TX	79710	7018 0040 0000 0923 2118
BITTER END ROYALTIES LP	P O BOX 670988	DALLAS	TX	75367	7018 0040 0000 0923 2125
BOYT,ERIC D	P O BOX 2602	MIDLAND	TX	79702	7018 0040 0000 0923 2132
BURTON,WILLIAM K	306 WEST 7TH STREET SUITE 901	FORT WORTH	TX	76102	7018 0040 0000 0923 2149
CCB 1998 TRUST	306 WEST 7TH STREET SUITE 901	FORT WORTH	TX	76102	7018 0040 0000 0923 2156
CHISOS MINERALS LLC	1111 BAGBY STREET SUITE 2150	HOUSTON	TX	77002	7018 0040 0000 0923 2163
COLLINS & WARE INC	950 THIRD AVE 23RD FLOOR	NEW YORK	NY	10022	7018 0040 0000 0923 2170
CORNERSTONE FAMILY TRUST	PO BOX 17656	GOLDEN	CO	80402	7018 0040 0000 0923 2040
D STUART HARROUN REV TRUST	515 TRES LAGUNAS LANE NE	ALBUQUERQUE	NM	87113	7018 0040 0000 0923 2033
DCB 1998 TRUST	306 WEST 7TH STREET SUITE 901	FORT WORTH	TX	76102	7018 0040 0000 0923 2026
DEVON ENERGY PRODUCTION CO LP	P O BOX 843559	DALLAS	TX	75284	7018 0040 0000 0923 2019
DOROTHY S HARROUN IRREV TRUST	P O BOX 3480	OMAHA	NE	68103	7018 0040 0000 0923 2002
DRW ENERGY LLC	400 W ILLINOIS SUITE 970	MIDLAND	TX	79701	7018 0040 0000 0923 1999
FFF INC	P O BOX 8874	DENVER	CO	80201	7018 0040 0000 0923 1982
GD MCKINNEY INVESTMENTS LP	300 N MARIENFELD SUITE 1100	MIDLAND	TX	79701	7018 0040 0000 0923 1975
GORDA SOUND ROYALTIES LP	PO BOX 671099	DALLAS	TX	75367	7018 0040 0000 0923 1968
GRABLE,ROBERT C	201 MAIN STREET	FORT WORTH	TX	76102	7018 0040 0000 0923 1951
HANNIFIN JTWRs,SHAWN & FRANCES	730 17TH ST STE 325	DENVER	CO	80202	7018 0040 0000 0923 1944
HANNIFIN,ALAN R	P O BOX 8874	DENVER	CO	80201	7018 0040 0000 0923 1937
HANTTULA,JUDITH GENE	3704 SAN GABRIEL AVENUE	FRISCO	TX	75033	7018 0040 0000 0923 1920
J M MINERAL & LAND CO INC	P O BOX 1015	MIDLAND	TX	79702	7018 0040 0000 0923 1913
JAREED PARTNERS LTD	P O BOX 51451	MIDLAND	TX	79710	7018 0040 0000 0923 1906
JOHN &THERESA HILLMAN FAM PROPS LP	PO BOX 50187	MIDLAND	TX	79710	7018 0040 0000 0923 1890
KEENE,TARA L	18700 COLLINS STREET	TARZANA	CA	91356	7018 0040 0000 0923 1883
KIMBELL ART FOUNDATION	301 COMMERCE ST SUITE 2300	FORT WORTH	TX	76102	7018 0040 0000 0923 1876
KINGDOM INVESTMENTS LIMITED	2101 CEDAR SPRINGS RD SUITE 600	DALLAS	TX	75201	7018 0040 0000 0923 1869
LEOPARD PETROLEUM LP	4200 FAIRWOOD PL	MIDLAND	TX	79707	7018 0040 0000 0923 1852
LOWE ROYALTY PARTNERS LP	P O BOX 4887	HOUSTON	TX	77210	7018 0040 0000 0923 1845
MAGNOLIA ROYALTY COMPANY INC	P O BOX 10703	MIDLAND	TX	79702	7018 0040 0000 0923 1838
MANIX ROYALTY LTD	PO BOX 2818	MIDLAND	TX	79702	7018 0040 0000 0923 1821
MAP 98A-OK	P O BOX 268988	OKLAHOMA CITY	OK	73126	7018 0040 0000 0923 2187
MAP00-NET TX GENERAL PARTNERSHIP	P.O. BOX 268946	OKLAHOMA CITY	OK	73126	7018 0040 0000 0923 2194
MAP98B-NET	P O BOX 268984	OKLAHOMA CITY	OK	73126	7018 0040 0000 0923 2200
MOBIL PRODUCING TEXAS &	4500 DACOMA ST. CORP-BH3-212	HOUSTON	TX	77092	7018 0040 0000 0923 2217
MW OIL INVESTMENT COMPANY INC	730 17TH STREET STE 325	DENVER	CO	80202	7018 0040 0000 0923 2224

OWNER NAME	ADDRESS	CITY	STATE	ZIP	TRACKING
MWB 1998 TRUST	306 WEST 7TH STREET SUITE 901	FORT WORTH	TX	76102	7018 0040 0000 0923 2231
NEAL,JEFFREY CASWELL	1311 DOEPP DRIVE	CARLSBAD	NM	88220	7018 0040 0000 0923 2248
NELMS,PIPER L	18706 COLLIN ST	TARZANA	CA	91356	7018 0040 0000 0923 2255
PENROC OIL CORPORATION	P O BOX 2769	HOBBS	NM	88241	7018 0040 0000 0923 2262
RAVE ENERGY INC	P O BOX 3087	HOUSTON	TX	77253	7018 0040 0000 0923 2279
REED,B JACK	506 CHARISMATIC	MIDLAND	TX	79705	7018 0040 0000 0923 2286
ROACH FOUNDATION INC	777 TAYLOR ST PII-J	FORT WORTH	TX	76102	7018 0040 0000 0923 2293
ROBRO ROYALTY PARTNERS LTD	P O BOX 671028	DALLAS	TX	75367	7018 0040 0000 0923 2309
RUSK CAPITAL MANAGEMENT LLC	7600 W TIDWELL RD STE 800	HOUSTON	TX	77040	7018 0040 0000 0923 2316
RUTTER & WILBANKS CORPORATION	BOX 3186	MIDLAND	TX	79701	7018 0040 0000 0923 2323
S & E ROYALTY LLC	8470 WEST 4TH AVENUE	DENVER	CO	80226	7018 0040 0000 0923 2330
SANDOVAL,MICHELLE R	1395 RAVEAN CT	ENCINITAS	CA	92024	7018 0040 0000 0923 2347
SCHOENING,M'LISSA M	300 N MARIENFELD STE 1100	MIDLAND	TX	79701	7018 0040 0000 0923 2354
SOFTSEARCH INVESTMENT LP	P O BOX 89	ABILENE	TX	79604	7018 0040 0000 0923 2361
SOFTVEST MANAGEMENT LP	P O BOX 89	ABILENE	TX	79604	7018 0040 0000 0923 2378
STATE OF NEW MEXICO	P O BOX 2308	SANTA FE	NM	87504	7018 0040 0000 0923 2446
SUNDANCE MINERALS I	P O BOX 17744	FORT WORTH	TX	76102	7018 0040 0000 0923 2385
TAUBER EXPL & PRODUCTION CO	55 WAUGH DRIVE SUITE 600	HOUSTON	TX	77007	7018 0040 0000 0923 2392
TAURUS ROYALTY LLC	P O BOX 1477	LITTLE ELM	TX	75068	7018 0040 0000 0923 2408
VAUGHT JR,GEORGE G	P O BOX 13557	DENVER	CO	80201	7018 0040 0000 0923 2415
WALKER III,HERMAN CLIFFORD	P O BOX 10135	MIDLAND	TX	79702	7018 0040 0000 0923 2422
WAMBAUGH,ANNETTE O	6203 ALDEN BRIDGE RD. APT 2209	THE WOODLANDS	TX	77382	7018 0040 0000 0923 2439

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

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

DISTRICT III
1000 Rio Brancos 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 DISTRICT

APR 06 2015

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

RECEIVED AMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42062	Pool Code 11540	Pool Name Cedar Canyon Delaware
Property Code 39668	Property Name CEDAR CANYON 16 STATE	Well Number 11H
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
C	16	24-S	29-E		260	NORTH	2060	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	16	24-S	29-E		350' 169'	SOUTH	1980' 2002'	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
C	16	24-S	29-E		575' 359'	NORTH	2047.8' 2059'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160	N		TD- 169' FSL 2002' FWL BP- 331' FSL 2006' FWL TP- 359' FSL 2059' 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

GRID AZ = 180°38'12" HORIZ. DIST. = 714.9' 2047.8' 330' 2006' 2002' 169' 331'	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=445388.5 N X=605398.2 E LAT.=32.224026° N LONG.=103.990886° W	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: <i>David Stewart</i> Date: 2/10/14 Printed Name: David Stewart Sr. Rep. Adv. E-mail Address: david.stewart@oxy.com
	CORNER COORDINATES 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=606516.2 E D - Y=440335.2 N, X=605192.3 E	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. SEPTEMBER 20, 2013 Date of Survey Signature & Seal of Professional Surveyor: GARY E. EDSON NEW MEXICO 12641 REGISTERED SURVEYOR 2/10/14 Certification No. 12641 Edson 3239 ACK REL W.O. 13/11/14 FWSC W.O. 14/12/2010
	BOTTOM HOLE LOCATION NAD 27 NME Y=440588.5 N X=605845.9 E LAT.=32.211107° N LONG.=103.991104° W	

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

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

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

RECEIVED

1-30-13

AMENDED REPORT

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'

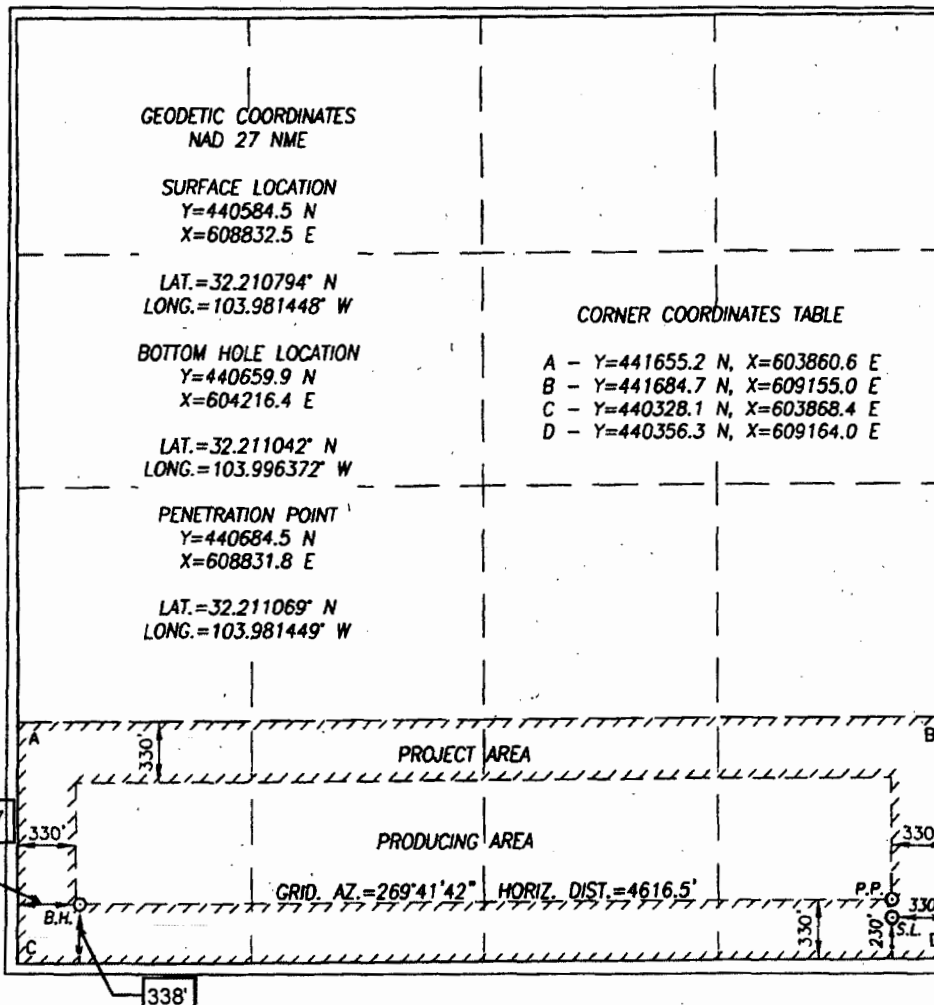
Surface Location

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



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 unless 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.

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 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.

JANUARY 17, 2013

Date of Survey
Signature of Registered Professional Surveyor:

GARY G. EIDSON
NEW MEXICO
12641
REGISTERED PROFESSIONAL SURVEYOR
Certificate No. 12641
DSS JWSC W.O.: 13.11.0084

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

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

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

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

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate District Office

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AMENDED REPORT
As Detailed

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

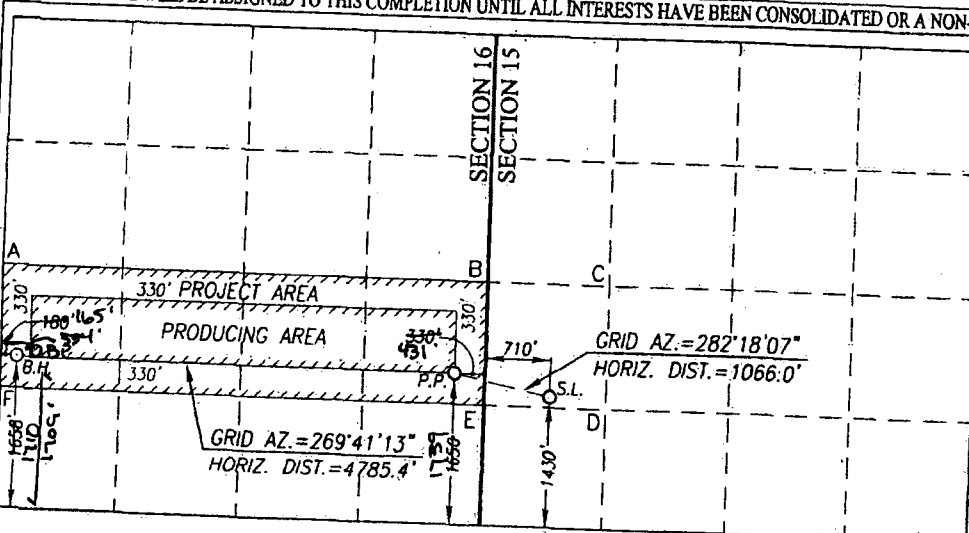
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	24-S	29-E		1430	SOUTH	710	WEST	EDDY

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

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	16	24-S	29-E		1650 1739	SOUTH	330 431	EAST	EDDY

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

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 *[Signature]* Date **9/23/14**
Printed Name **David Stewart Sr. Reg. Adm.**
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.

MARCH 28, 2013

Date of Survey
Signature of Professional Surveyor:

GARY G. EIDSON
NEW MEXICO
12641
Professional Surveyor
Certificate Number **12641**
ACK REL. **14.13.0208**

GEODETIC COORDINATES
NAD 27 NME

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

CORNER COORDINATES TABLE

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

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

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DISTRICT IV
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UNMCD ARTESIA

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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WELL LOCATION AND ACREAGE DEDICATION PLAT

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

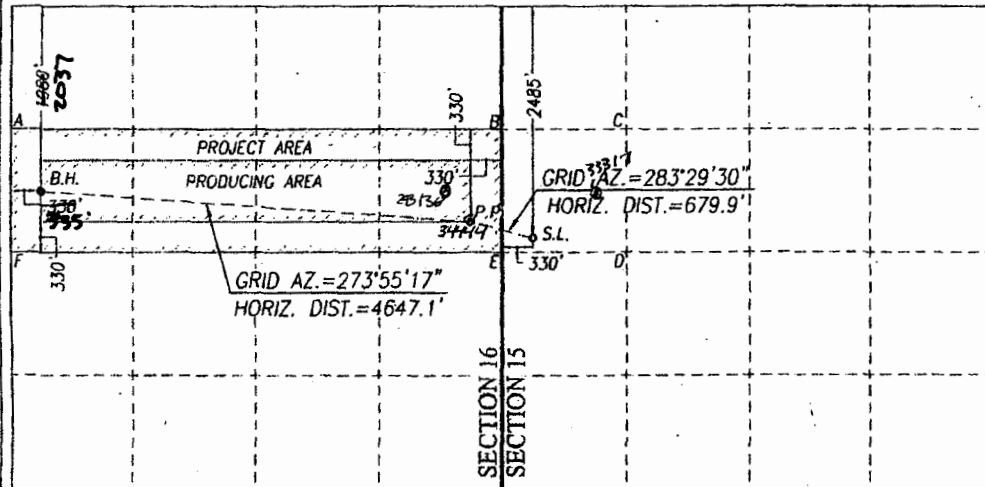
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	15	24-S	29-E		2485	NORTH	330	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
E	16	24-S	29-E		1080 2037	NORTH	330 335	WEST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No. Top Prod Int. 388 FEL 2302 FNL H - SEC 15						

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

 SCALE: 1"=2000'		OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>David Stewart</i> 4/5/13 Signature Date David Stewart Reg. Geo. Printed Name david.stewart@oxy.com E-mail Address
CORNER COORDINATES TABLE 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	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=443182.6 N X=609474.9 E LAT.=32.217930° N LONG.=103.979344° W BOTTOM HOLE LOCATION Y=443658.9 N X=604178.8 E LAT.=32.219286° N LONG.=103.996464° W	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:  Certification Number Gary G. Eidson 12641 Ronald L. Eidson 3239 BKL

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

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NM OIL CONSERVATION
ARTESIA DISTRICT
Energy, Minerals & Natural Resources Department
NOV 14 2014

State of New Mexico
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Santa Fe, New Mexico 87505

NM OIL CONSERVATION
ARTESIA DISTRICT

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41596	Pool Code 96473	Pool Name PIERCE CROSSING BONE SPRING, E.
Property Code 39668	Property Name CEDAR CANYON 16 STATE	Well Number 8H
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
A	16	24-S	29-E		1040	NORTH	330	EAST	EDDY

As-Drilled Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	24-S	29-E		609	NORTH	188	WEST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No. TP- 947 FNL 581 FEL (A) BP- 607 FNL 339 FNL (D)						

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 Y=445028.7 N X=604028.4 E LAT.=32.223053° N LONG.=103.996936° W	BOTTOM PERFORATION POINT NAD 27 NME Y=445012.0 N X=604180.2 E LAT.=32.223006° N LONG.=103.996445° W	TOP PERFORATION POINT NAD 27 NME Y=444716.7 N X=608553.3 E LAT.=32.222156° N LONG.=103.982307° W	GEODETIC COORDINATES NAD 27 NME 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:

 Certified Surveyor: **Ronald J. Eidson** 12641
 LSL REL W.O. 13.11.0259 JWSC W.O. 14.13.1234

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

NEW MEXICO
ARTESIA DISTRICT

Form C-102

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AMENDED REPORT

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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 Y	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

	NOTE: AS-DRILLED PATH, T.P., B.P. & B.H. POINTS PLOTTED FROM SCIENTIFIC DRILLING STANDARD MWD SURVEY REPORT: AUGUST 3, 2015	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=445414.5 N X=604188.4 E LAT.=32.224113° N LONG.=103.996415° W	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: <i>[Signature]</i> Date: 9/21/15 Printed Name: Jana Mendida Email Address: jandyn-mendida@oxy.com
		TOP PERF NAD 27 NME Y=444848.7 N X=604207.7 E LAT.=32.222557° N LONG.=103.996356° W	
	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	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. SEPTEMBER 18, 2013 Date of Survey: <i>[Signature]</i> Signature of Professional Surveyor: NEW MEXICO REGISTERED SURVEYOR 3239 Certificate Number: 3239 REL. W.O.: 13.11.1056 JWSC W.O.: 13.13.0885	
	BOTTOM PERF NAD 27 NME Y=440676.0 N X=604213.7 E LAT.=32.211086° N LONG.=103.996381° W	AS-DRILLED BOTTOM HOLE LOCATION NAD 27 NME Y=440454.6 N X=604203.2 E LAT.=32.210478° N LONG.=103.996417° W	

ARTESIA DISTRICT

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State of New Mexico
Energy, Minerals & Natural Resources Department
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Santa Fe, NM 87505

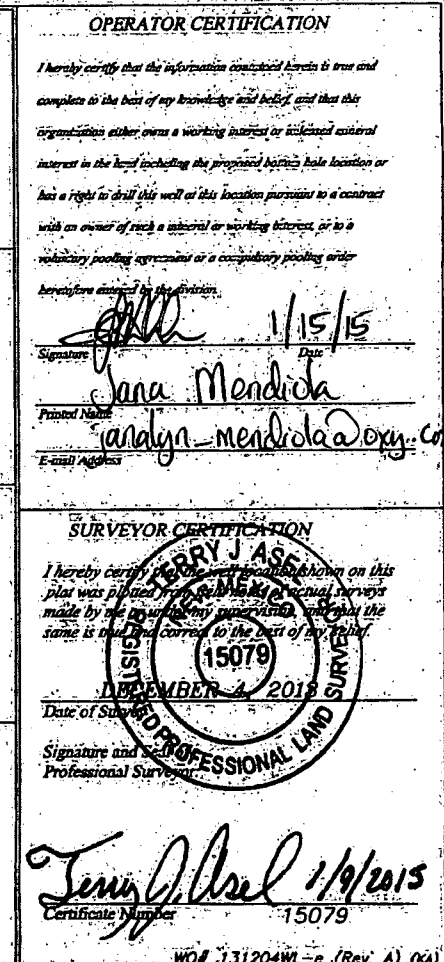
API Number 30-015-42055		Pool Code 96473	Pool Name PIERCE CROSSING BONE SPRING, EAST
Property Code 39668	Property Name CEDAR CANYON "16" STATE		Well Number 10H
OGRID No. 16696	Operator Name OXY USA INC.		Elevation 2926.9'

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
C	16	24 SOUTH	29 EAST, N.M.P.M.		260'	NORTH	1470'	WEST	EDDY

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	16	24 SOUTH	29 EAST, N.M.P.M.		164'	SOUTH	2018'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160	YES		TP- 982 FNL 1776 FWL BP- 514 FSL 2045 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 the organization either owns a working interest or induced 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.

heretofore assigned by the Division

Signature [Signature] Date 1/15/15

Yana Mendicha

Printed Name: analyn-mendiola@oxn.com

E-mail Address _____

SURVEYOR CERTIFICATION

I hereby certify that the well is accurately 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.

15079

Date of Survey: DECEMBER 4, 2018

Signature and Seal

Professional Surveyor

242

Terrell 1/9/201

Certificate Number 15079

WO 131204WL-e (Rev. A) (KA)

NM OIL CONSERVATION
ARTESIA DISTRICT

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Phone: (575) 748-1383 Fax: (575) 748-9720
District III
1000 Rio Rancho Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION RECEIVED
1220 South St. Francis Dr.
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☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Surface Location

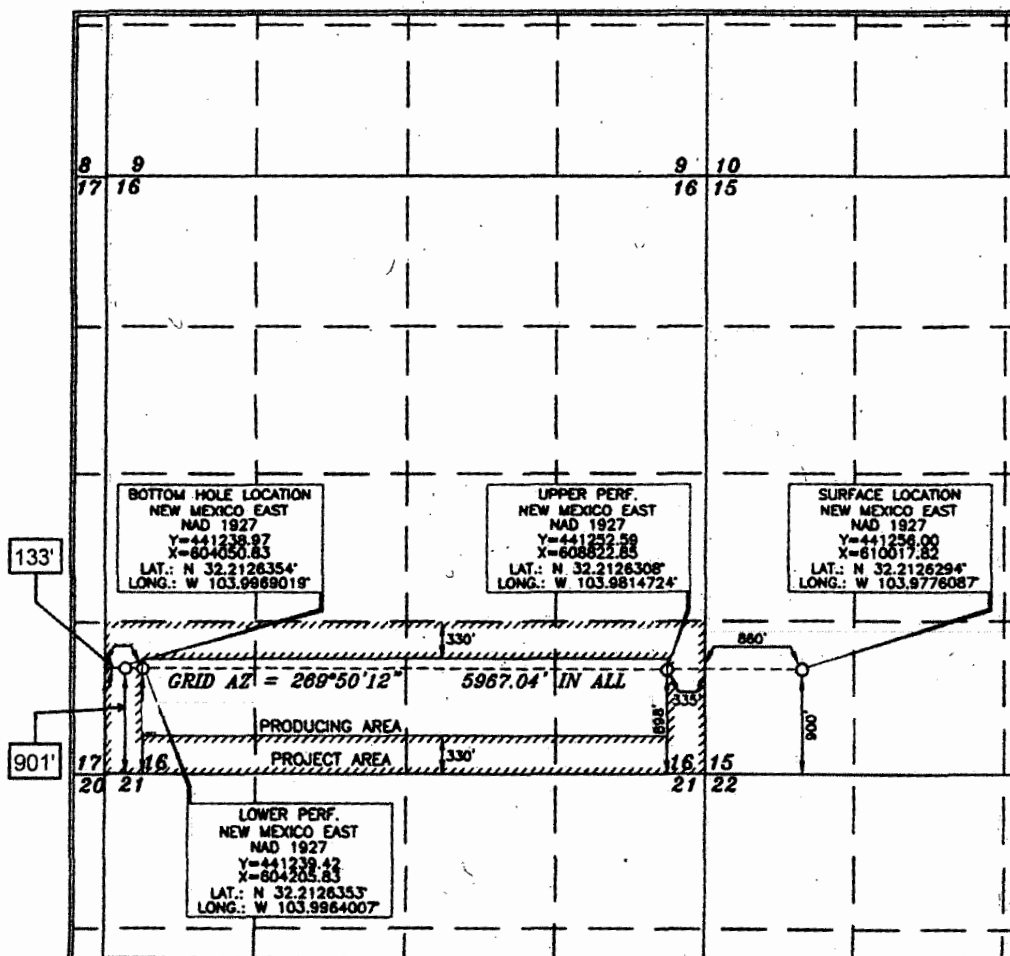
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	24 SOUTH	29 EAST, N.M.P.M.		900'	SOUTH	880'	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	24 SOUTH	29 EAST, N.M.P.M.		901'	SOUTH	133'	WEST	EDDY

Dedicated Acres 160	Joint or Infill Y	Consolidation Code	Order No. Top perf- 938' FSL 432' FEL, Bottom perf- 906' FSL 341' FWL
------------------------	----------------------	--------------------	--

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



OPERATOR CERTIFICATION

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

Sarah Mitchell 2/9/17
Signature Date

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

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from the original surveys made by the surveyor supervising 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

15079
Certificate Number

WOF 140619WL-a (NA)

NM OIL CONSERVATION
ARTESIA DISTRICT

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-6720
District II
817 S. First St., Artesia, NM 88210
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District III
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
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WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Surface Location

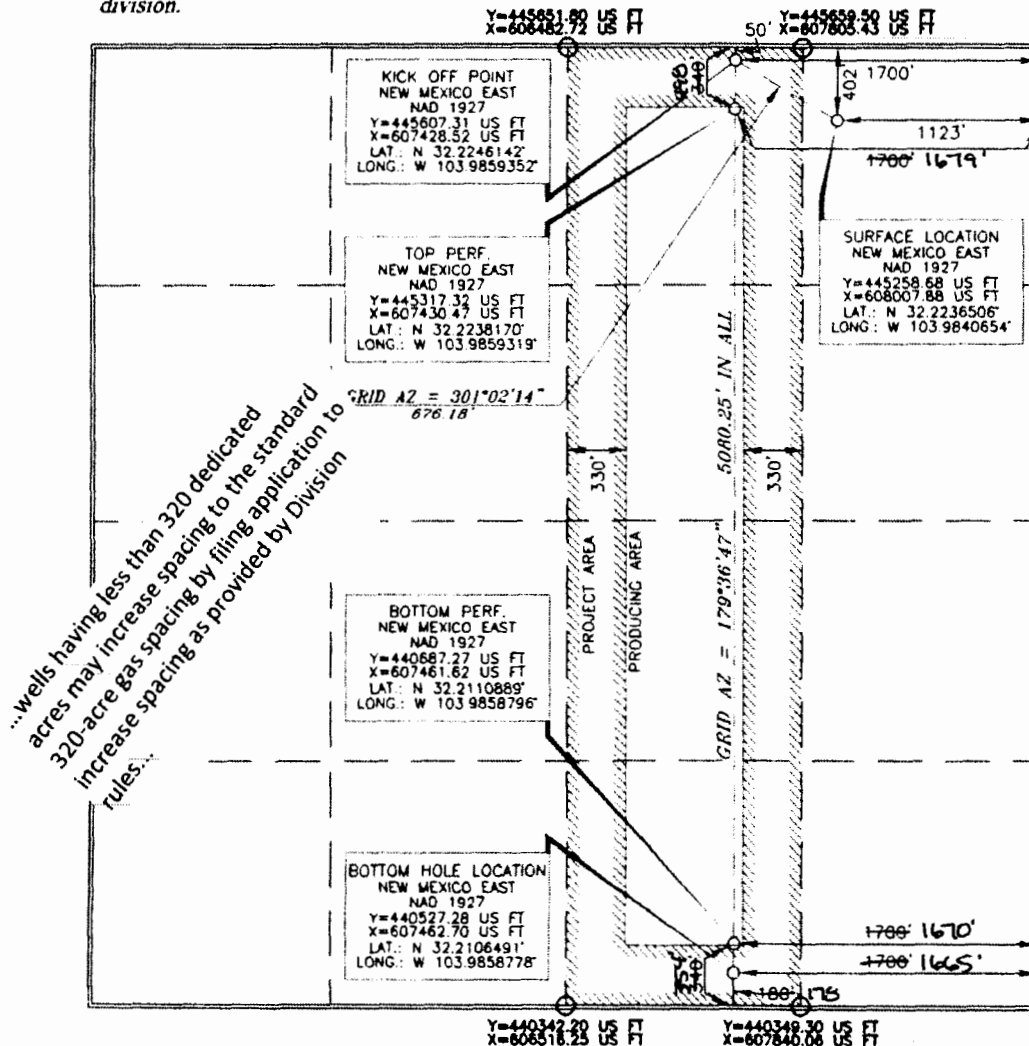
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	16	24 SOUTH	29 EAST, N.M.P.M.		402'	NORTH	1123'	EAST	EDDY

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	Joint or Infill	Consolidation Code	Order No.
160	N		Bottom Perf - 354 FSL 1670 FEL Top Perf - 498 FNL 1679 FEL

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



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.

Signature: *David Stewart* Date: **2/27/17**
Printed Name: **David Stewart SR. Reg. Act**
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# 160419WL-0-XY (KA)

District I
1623 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
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NM OIL CONSERVATION
State of New Mexico **ARTESIA DISTRICT**
Energy, Minerals & Natural Resources **DEPARTMENT**
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
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☒ **AMENDED REPORT**

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

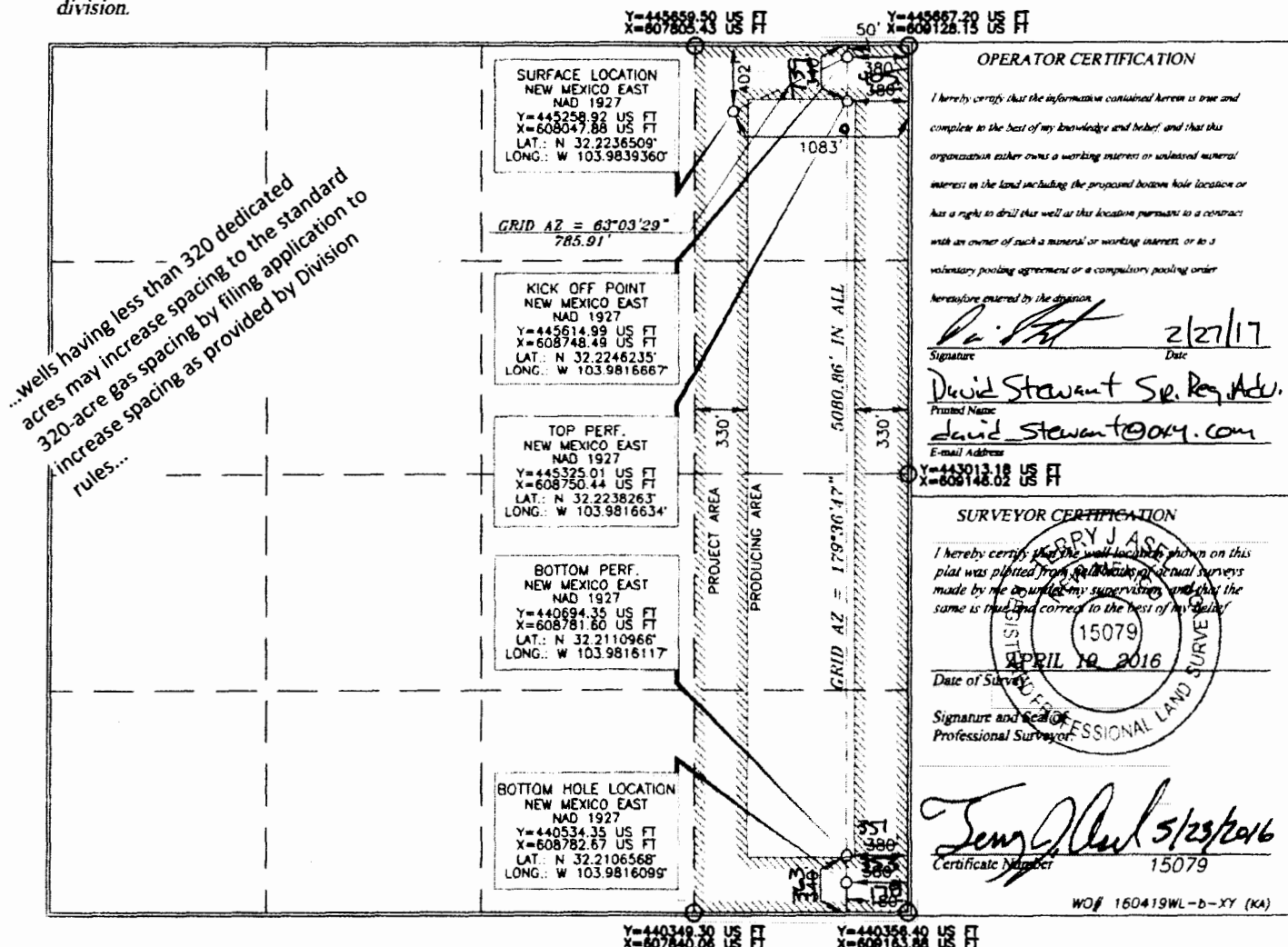
Surface Location

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

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	16	24 SOUTH	29 EAST, N.M.P.M.		180' 176	SOUTH	300' 353	EAST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No.	Bottom Pent - 363 FSL 351 FEL Top Pent - 735 FNL 405 FEL					

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



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Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
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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 30-015-41291	Pool Code 96473	Pool Name Pierce Crossing Bone Springs, EAST
Property Code 39046	Property Name CEDAR CANYON 15	Well Number 4H
OGRID No. 16696	Operator Name OXY U.S.A. INC.	Elevation 2926'

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	24-S	29-E		2310	NORTH	330	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
H	15	24-S	29-E		2310 2342	NORTH	330 307	EAST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No. PB- 2287 FNL 494 FEL						

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

RECEIVED SEP 03 2013 NMOCD ARTESIA		OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>David Stewart</i> 4/22/13 Signature Date David Stewart Sr. Pres. Ado. Printed Name david.stewart@oxy.com E-mail Address					
CORNER COORDINATES TABLE <table> <tr> <td>A - Y=444340.2 N, X=609137.2 E</td> <td>B - Y=444334.6 N, X=614443.0 E</td> </tr> <tr> <td>C - Y=443007.9 N, X=614448.3 E</td> <td>D - 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	D - Y=443013.2 N, X=609146.1 E	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION & PENETRATION POINT Y=443357.5 N X=609473.7 E LAT.=32.218411° N LONG.=103.979346° W BOTTOM HOLE LOCATION Y=443352.2 N X=614117.0 E LAT.=32.218354° N LONG.=103.964332° W	
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						
		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 <i>Gary G. Eidson</i> Signature & Seal of Professional Surveyor: GARY G. EIDSON NEW MEXICO 12641 BKL. PROFESSIONAL SURVEYOR Certificate Number Gary G. Eidson 12641 Ronald L. Eidson 3239 BKL. 13.11.0332					

DISTRICT I

1625 N. FRENCH DR., HOBBES, NM 88240

DISTRICT II

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DISTRICT III

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DISTRICT IV

1225 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 96473	Pool Name PIERCE CROSSING-BONE SPRING
Property Code	Property Name HARROUN 9	Well Number 1
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
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

BOTTOM HOLE Y=446305.9 N X=605484.5 E GEODETIC COORDINATES NAD 27 NME Y=446195.2 N X=608795.6 E LAT.=32°13'34.38" N LONG.=104°58'53.43" W GRID AZ.=271°54'55" DIST.=3313.6'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Joe T. Janica</i> Signature Date Joe T. Janica 06/28/06 Printed Name Agent
	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. MAY 23, 2006 Date Surveyed MR Signature & Seal of Professional Surveyor GARY EDISON 06.11.0873 Certificate No. GARY EDISON 12641

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015- 41488	Pool Code 96473	Pool Name Pierce Crossing Bone Spring East
Property Code 301841	Property Name HARROUN "9"	Well Number 3H
OGRID No. 16694	Operator Name OXY USA INC.	Elevation 2933.2'

Surface Location

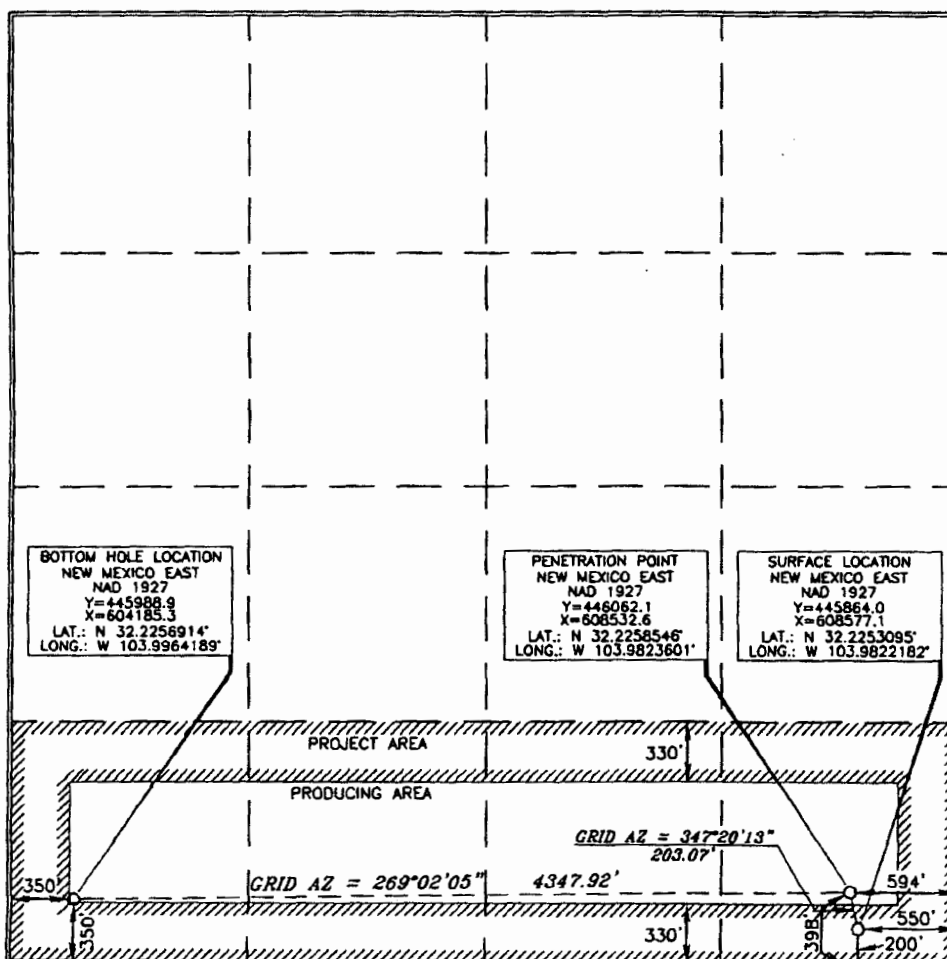
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	9	24 SOUTH	29 EAST, N.M.P.M.		200'	SOUTH	550'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	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	Joint or Infill	Consolidation Code	Order No.
160	W		

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.

Signature: *David Stewart* Date: 6/26/13
Printed Name: David Stewart SR. Reg. Ado.
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: May 21, 2013
Signature and Seal of Professional Surveyor: *Terry J. Asch*
Certificate Number: 15079

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

DISTRICT II
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DISTRICT III
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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
GRID No. <i>011891</i>	Operator Name POGO PRODUCING COMPANY	Elevation 2944

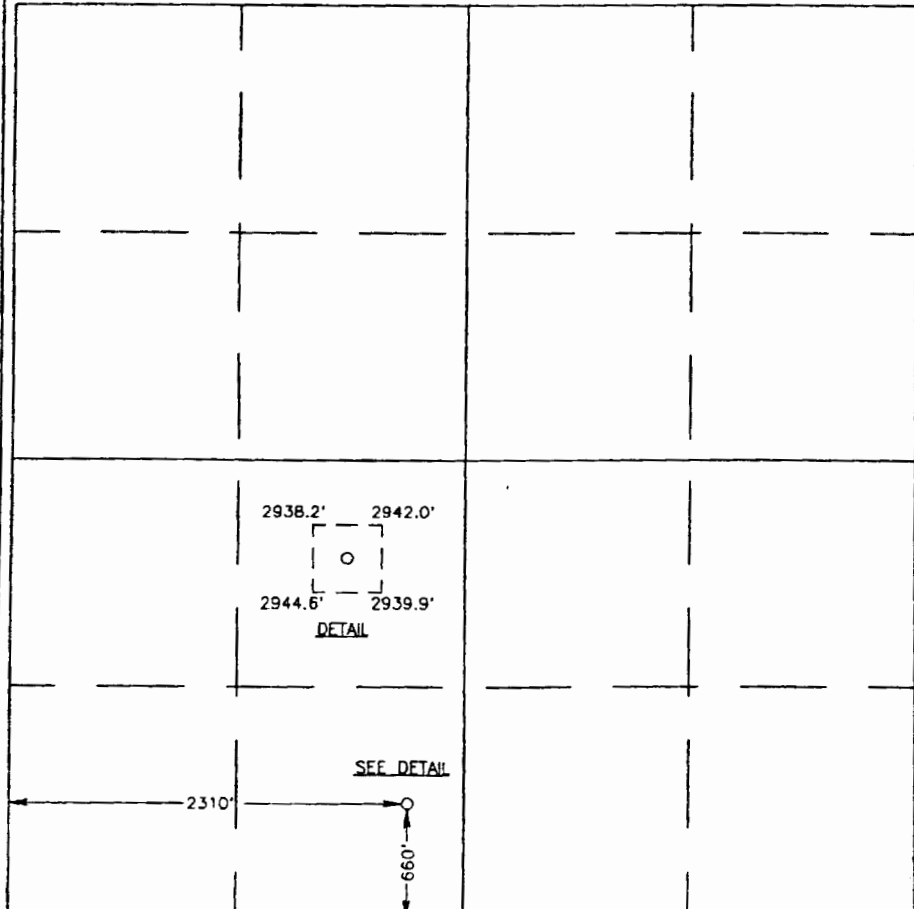
Surface Location

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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>James M.C. Ritchie, Jr.</i> Signature <i>James M.C. Ritchie, Jr.</i> Printed Name <i>AGMWT</i> Title <i>7-26-98</i> Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JULY 23, 1998 Date Surveyed Signature of Professional Surveyor <i>Donald E. Eidsen</i> Professional Surveyor NEW MEXICO 72498 98-11-1061 Certificate No. DONALD E. EIDSON 3239 CARLOS J. MCDONALD 12641 12185

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

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

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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
OGRD No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 2947'

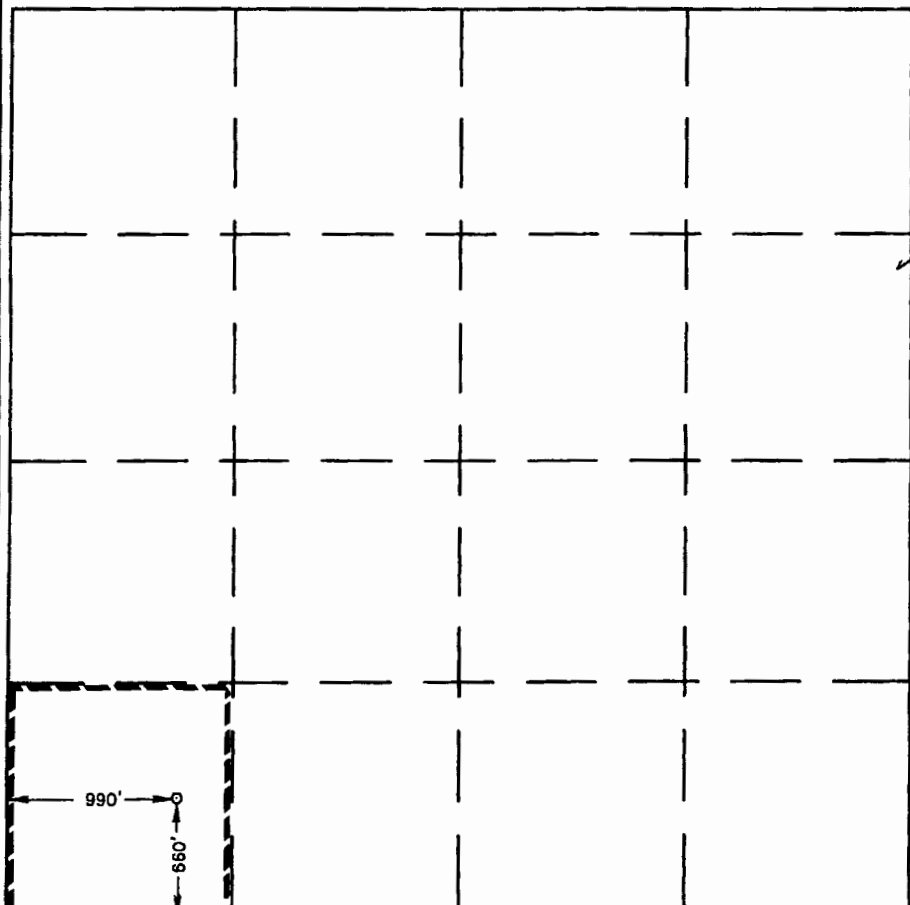
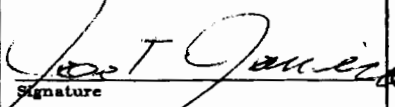
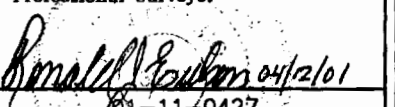
Surface Location

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

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	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.  Signature Joe T. Janica Printed Name Agent Title 04/16/01 Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. APRIL 10, 2001 Date Surveyed Signature & Seal of Professional Surveyor  81-11-0427 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641

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

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

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

DISTRICT IV
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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-32617	Pool Code 96473	Pool Name Pierce Crossing Bone Spring
Property Code 23616	Property Name HARROUN 10	Well Number 3
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 2959'

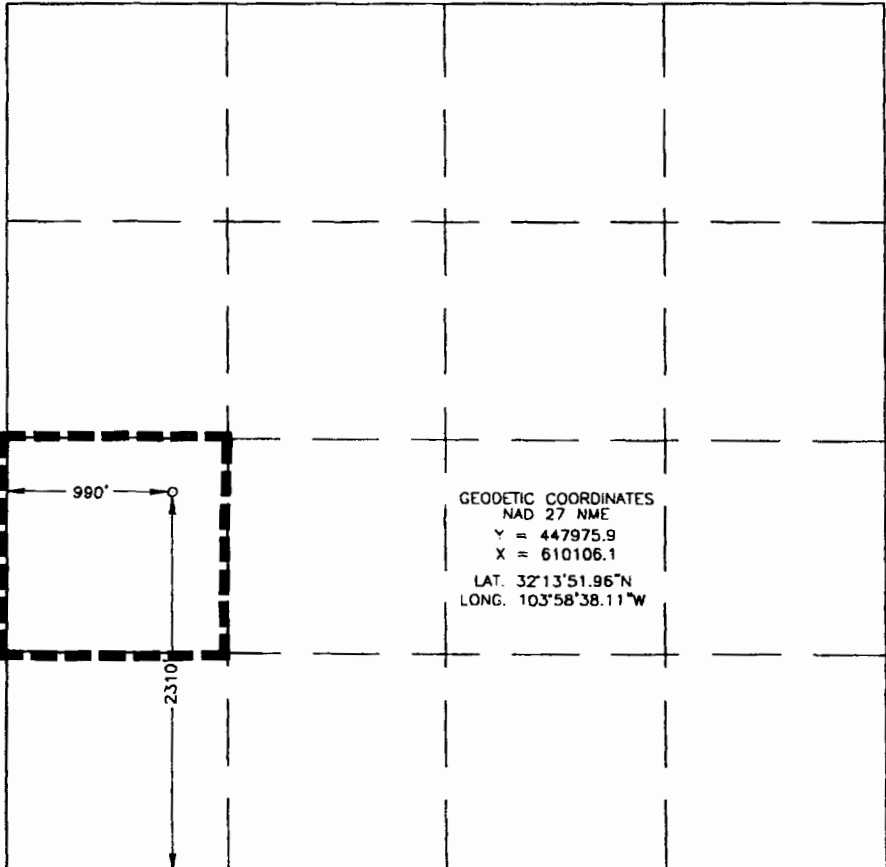
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	10	24-S	29-E		2310	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

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

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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Cathy Wright</i> Signature Cathy Wright Printed Name Sr. Operation Tech Title 01/15/04 Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JANUARY 31, 2003 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Edson</i> 2/4/03 03.11.0146 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12841

DISTRICT I

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OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV

P.O. Box 2068, Santa Fe, NM 87504-2068

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96473	Pool Name PICULO 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. C	Section 15	Township 24 S	Range 29 E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1980	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
Dedicated Acres		Joint or Infill		Consolidation Code		Order No.			

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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. 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>	
	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. DECEMBER 18, 1997 Date Surveyed <u>JLP</u> Signature & Seal of Professional Surveyor <u>Ronald J. Eidson</u> W.O. Num. <u>97-11-2064</u>	
	Certificate No. <u>RONALD J. EIDSON, 3239</u> <u>GARY G. EIDSON, 12841</u> <u>MACON McDONALD, 12185</u>	

DISTRICT II
P.O. Brewer RD, Artonia, NM 86211-0719

DISTRICT III
1000 E. Braxon Rd., Artes, NM 87410

DISTRICT IV
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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 11540 96473	Pool Name Pierce Crossing (Bellevue) Done Springs
Property Code 17565	Property Name HARROUN 15	Well Number 8
OGRID No. C17891	Operator Name POGO PRODUCING COMPANY	Elevation 2930

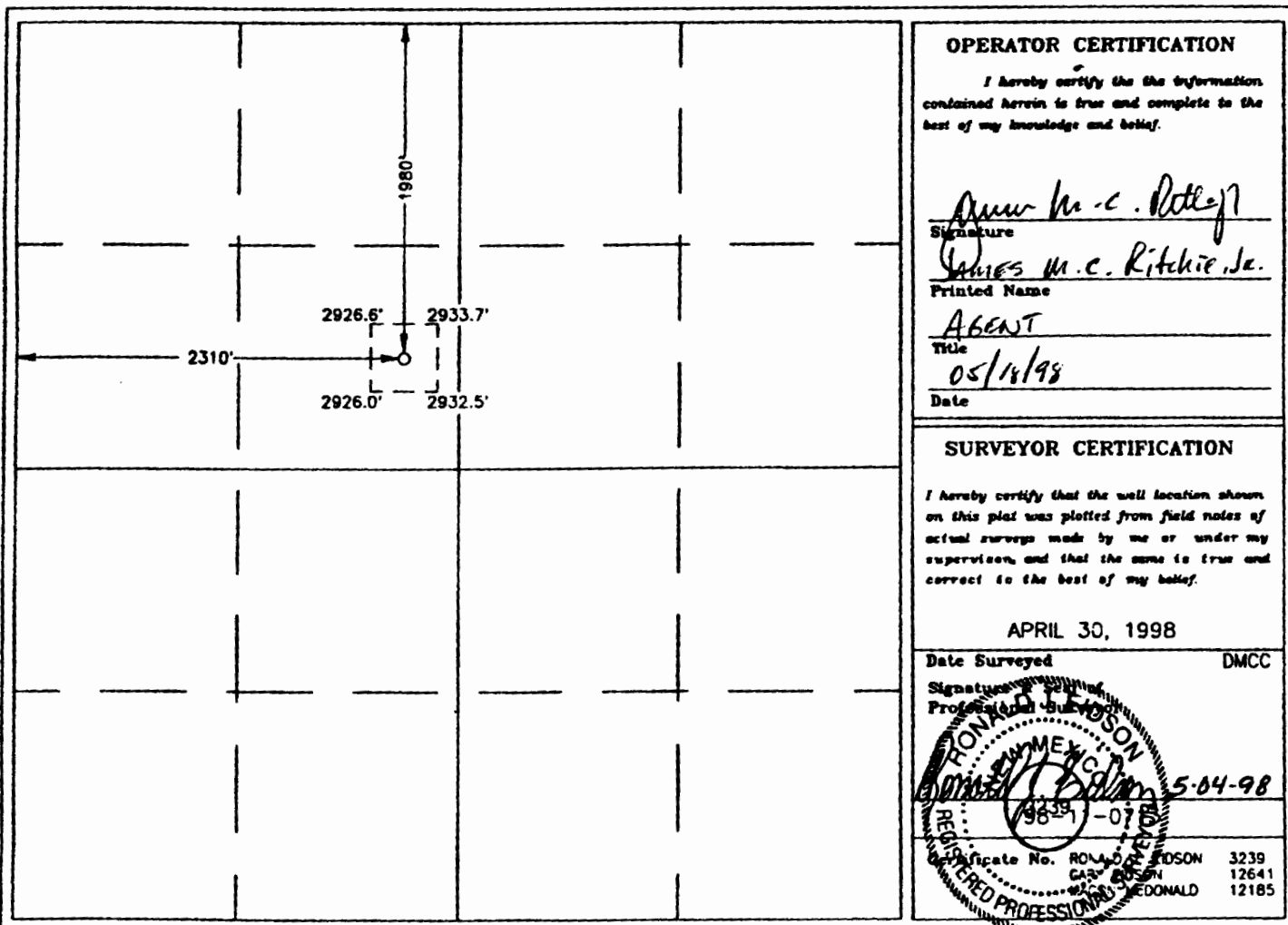
Surface Location

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**



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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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

¹⁰ Surface Location

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

¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> <i>Cathy Wright</i> Signature Cathy Wright Printed Name Sr. Eng Tech Title and E-mail Address 05/23/05 Date ¹⁸ SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number
---	---

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

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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 30-015-42058	Pool Code 96238	Pool Name Cornal Draw Bone Springs
Property Code	Property Name CEDAR CANYON 17	Well Number 1H
OGRID No. 16694	Operator Name OXY U.S.A. INC.	Elevation 2928'

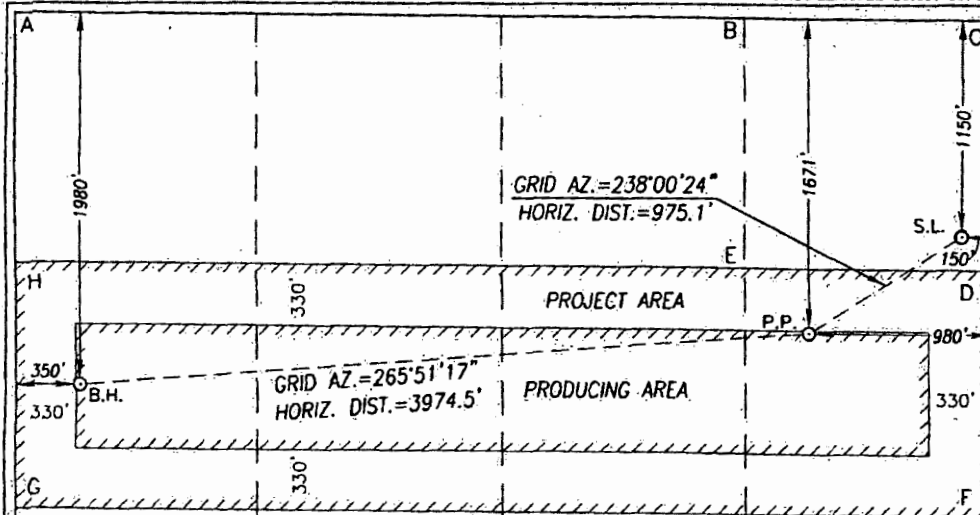
Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	24-S	29-E		1150	NORTH	150	EAST	EDDY

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
E	17	24-S	29-E		1980	NORTH	350	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
H	17	24-S	29-E		1671	NORTH	980	EAST	EDDY

Dedicated Acres 160	Joint or Infill N	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 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.

David Stewart 2/6/14
Signature Date
David Stewart SR. Reg. Adm.
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.

SEPTEMBER 20, 2013

Date of Survey
Signature of Professional Surveyor:

Gary C. Eidson
GARY C. EIDSON
NEW MEXICO
12641
PROFESSIONAL SURVEYOR
Certificate Number: Gary C. Eidson 12641
Ronald J. Eidson 3239
ACK REL. W.D. 1974-1980 JWSC W.D. 14-13.0080

CORNER COORDINATES TABLE

A - Y=445665.1 N, X=598539.5 E
B - Y=445643.6 N, X=602512.8 E
C - Y=445636.4 N, X=603837.2 E
D - Y=444309.4 N, X=603845.0 E
E - Y=444316.3 N, X=602521.2 E
G - Y=443009.6 N, X=598557.6 E
H - Y=444337.4 N, X=598548.6 E
F - Y=442982.3 N, X=603852.8 E

PENETRATION POINT
NAD 27 NME

Y=443971.0 N
X=602867.2 E

LAT.=32.220156° N
LONG.=104.000702° W

GEODETIC COORDINATES
NAD 27 NME

SURFACE LOCATION

Y=444487.5 N
X=603694.0 E

LAT.=32.221569° N
LONG.=103.998023° W

BOTTOM HOLE LOCATION

Y=443683.6 N
X=598902.9 E

LAT.=32.219399° N
LONG.=104.013523° W

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

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Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	15	24S	29E		1980	North	990	West	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	15	24S	29E		1980	North	1650	East	Eddy

¹² Dedicated Acres 120	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶ 990' --- Surface Location 1980' --- Bottom Hole Location 1650' ---	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Cathy Wright Printed Name Sr. Operation Tech Title and E-mail Address 08/09/04 Date
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

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AUG 10 2004

OED-ARTESIA

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-102
Revised June 10, 2003
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

¹⁰ Surface Location

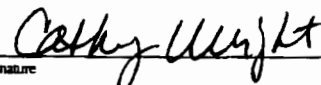
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	24S	29E		1980	South	330	West	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	15	24S	29E		1980	South	1650	East	Eddy

¹² Dedicated Acres 120	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

RECEIVED FEB 24 2005 DOB-ARTESIA				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Cathy Wright Printed Name Sr Eng Tech Title and E-mail Address 2/23/05 Date	
				¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number	

330' SHL

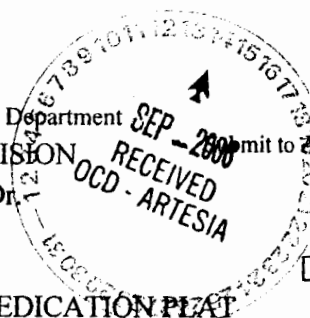
BHL 1650'

1980'

1980'

District I
1625 N. French Dr., Hobbs, NM 88240
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1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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



Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

10 Surface Location

UL or lot no. M	Section 15	Township 24S	Range 29E	Lot Idn	Feet from the 660	North/South line South	Feet from the 330	East/West line West	County Eddy
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11 Bottom Hole Location If Different From Surface

UL or lot no. O	Section 15	Township 24S	Range 29E	Lot Idn	Feet from the 661	North/South line South	Feet from the 1679	East/West line East	County Eddy
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------

¹² Dedicated Acres 120	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

16 CONFIDENTIAL Project Area Producing Area SHL 330' BHL 661' 1679'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Cathy Wright 09/12/06 Signature Date Cathy Wright Printed Name 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number
--	---

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesian, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41032	Pool Code 13354	Pool Name Widgott 2nd Bone Springs
Property Code 39046	Property Name CEDAR CANYON 15 FEE	Well Number CORRAL DRAW, 2H
GRID 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	SOUTH	350	EAST	EDDY

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

GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=440526.1 N X=609522.8 E LAT.=32.210627° N LONG.=103.979217° W BOTTOM HOLE LOCATION Y=440684.0 N X=614107.3 E LAT.=32.211019° N LONG.=103.964393° W PENETRATION POINT Y=440686.1 N X=609521.7 E LAT.=32.211067° N LONG.=103.979219° W	CORNER COORDINATES TABLE 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	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: <i>David Stewart</i> Date: 1/29/13 Printed Name: David Stewart Reg. Ado. E-mail Address: david_stewart@oxy.com
PROJECT AREA PRODUCING AREA GRID. AZ.=90°01'35" HORIZ. DIST.=4586.6'		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. JANUARY 17, 2013 Date of Survey Signature & Seal of Professional Surveyor: GARY C. EIDSON NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 12641 Certification Number: 12641 DSS JWSC W.O.: 13.11.0085

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

NM OIL CONSERVATION

State of New Mexico

ARTESIA DISTRICT

Energy, Minerals & Natural Resources Department

SEP 26 2014

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

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Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41594	Pool Code 96473	Pool Name Pierce Crossing Bone Spring 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.		1988' 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 (C)						

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.

SURFACE LOCATION NEW MEXICO EAST NAD 1927 Y=442244.0 X=609851.2 LAT.: N 32.2153468° LONG.: W 103.9781369° BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=442334.1 Y=611100.7 LAT.: N 32.2155551° LONG.: W 103.9643953° PROJECT AREA PRODUCING AREA GRID AZ = 88°47'09" 4250.54' 700' 1888' 1942' 330' 330' 2006' 2007'	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. Signature: <i>David Stewart</i> Date: 9/23/14 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: MAY 21, 2013 Signature and Seal: <i>Terry J. Asel</i> Professional Surveyor Certificate Number: 15079 WO# 130521WL-b (NA)
--	--

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

DISTRICT II
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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

Form C-102
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Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

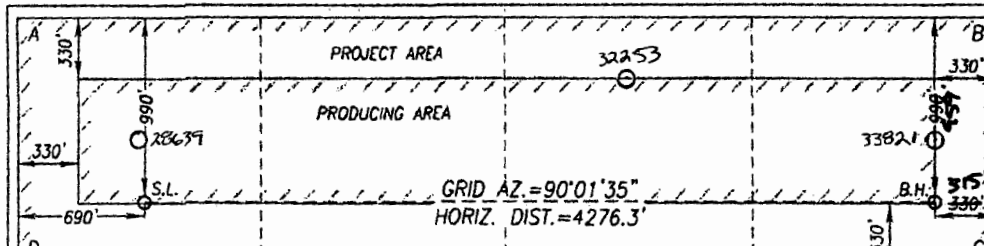
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	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		990 939	NORTH	330 315	EAST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No. PB-959 FNL 383 FEL						

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

		OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>David Stewart</i> 5/7/13 Signature Date David Stewart SR. Reg. Mgr. Printed Name david_stewart@oxy.com E-mail Address	
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=439366.2 N X=609855.8 E LAT.=32.207436° N LONG.=103.978153° W BOTTOM HOLE LOCATION Y=439364.3 N X=614131.2 E LAT.=32.207391° N LONG.=103.964330° W		CORNER COORDINATES TABLE 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	
RECEIVED SEP 03 2013 NMOCD ARTESIA		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 18, 2013 Date of Survey Signature & Seal of Professional Surveyor:  Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239 BKL	

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

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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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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
OGRIID No. 16696	Operator Name OXY U.S.A. INC.	Elevation 2927'

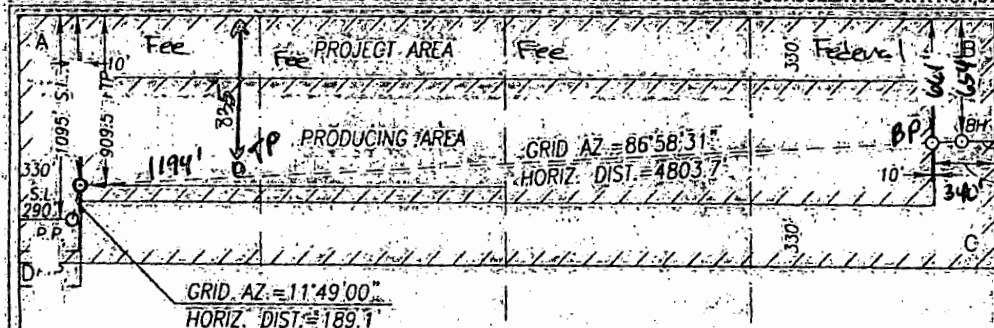
Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	24-S	29-E		1095	NORTH	290	WEST	EDDY

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	15	24-S	29-E		65+654	NORTH	180-153	EAST	EDDY

Penetration point TOP PERF									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	24-S	29-E		910 835	NORTH	230 1194	WEST	EDDY

Dedicated Acres 160	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



CORNER COORDINATES TABLE

A - Y=445667.3 N, X=609128.3 E
B - Y=445661.2 N, X=614437.7 E
C - Y=444334.6 N, X=614443.0 E
D - Y=444340.2 N, X=609137.2 E

GEODETIC COORDINATES

NAD 27 NME
BOTTOM HOLE LOCATION
Y=445010.6 N
X=614260.3 E
LAT.=32.222911° N
LONG.=103.963850° W

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y=444572.2 N
X=609425.6 E
LAT.=32.221751° N
LONG.=103.979488° W

GEODETIC COORDINATES
NAD 27 NME
PENETRATION POINT
Y=444757.2 N
X=609464.3 E
LAT.=32.222259° N
LONG.=103.979361° W

GEODETIC COORDINATES
NAD 27 NME
FIRST TAKE POINT
Y=444757.7 N
X=609474.3 E
LAT.=32.222260° N
LONG.=103.979329° W

GEODETIC COORDINATES
NAD 27 NME
LAST TAKE POINT
Y=445002.2 N
X=614100.4 E
LAT.=32.222890° N
LONG.=103.964367° W

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: 01/25/14
Printed Name: David Stewart, Sr. P.G. A.C.
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.

MARCH 29, 2013

Date of Survey
Signature & Seal of Professional Surveyor:

GARY G. EIDSON
NEW MEXICO
12641
Certificate Number: Gary G. Eidson 12641
ACK: READING OF PLAT SWSC W.O. 14.13.0428



**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

MAY 30 2018 14:12:07

May 24, 2018

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

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division



November 1, 2017

ADMINISTRATIVE POOL/LEASE COMMINGLING ORDER

Administrative Order PLC-405-A
Administrative Application Reference No. pMAM1728434626

OXY USA, Inc.
Attention: Ms. Sandra Mussallam

Pursuant to your application received on October 11, 2017, OXY USA, Inc. (OGRID 16696) is hereby authorized to surface commingle oil and gas production from the following pools:

PIERCE CROSSING; BONE SPRING, EAST	(96473)
CORRAL DRAW; BONE SPRING	(96238)
PURPLE SAGE; WOLFCAMP (GAS)	(98220)
CEDAR CANYON; DELAWARE	(11540)

and from wells, and their associated leases and pools identified in Attachment No. A and made part of this order. These wells are located on private, federal leases, and state leases in Township 24 South, Range 29 East, NMPM, Eddy County, New Mexico.

Production from the subject wells shall be determined as follows:

It is understood that the test separator and meters are designed to accurately measure production from the wells with the highest production rate. It is also assumed that all of the oil and gas production from the wells in this application will display a hyperbolic decline, and will fit the decline parameters described in Hearing Order R-14299. Wells that are in range 1 of decline shall be measured separately. Wells that are in Range 2 of decline shall be measured with a combination of metering and well testing, and shall be tested at least twice a month. Wells in Range 3 of decline shall be measured with a combination of metering and well testing, and shall be tested at least once a month, unless otherwise specified.

The Harroun 15 OGS, located in in Unit E of Section 15, Township 24 South, Range 29 East, NMPM, Eddy County, New Mexico. is the Central Delivery Point for oil production. Each surface facility is the Central Delivery Point for gas production.

Harroun 15-15 Battery

The commingled oil gas production from the wells in Attachment A for the Harroun 15-15 Battery shall be measured and sold at the Harroun 15-15 Battery (Harroun 15-15 CTB) located in Unit E of Section 15, Township 24 South, Range 29 East, NMPM, Eddy County, New Mexico. All of the wells shall be measured with a combination of metering and well testing. All of the wells are in Range 3 decline as specified in Hearing Order R-14299, and will be tested as least once a month. The gas will be measured at the Harroun 15-15 CTB, which will be the Central Delivery Point for those wells. Lastly, after the oil production is measured, it will flow to the Harroun OGS where it will be sold.

Harroun 9-1 Battery

The commingled oil production from the wells in Attachment A for the Harroun 9-1 Battery shall be measured at the Harroun 9-1 Central Tank Battery (Harroun 9-1 CTB) located in Unit P of Section 9, Township 24 South, Range 29 East, NMPM, Eddy County, New Mexico. All of the wells shall be measured with a combination of metering and well testing. All of the wells are in Range 3 decline as specified in Hearing Order R-14299, and will be tested as least once a month. The gas will be measured at the Harroun 9-1 CTB, which will be the Central Delivery Point for those wells. Lastly, after the oil production is measured, it will flow to the Harroun OGS where it will be sold.

Cedar Canyon 16-1 Battery

The commingled oil production from the wells in Attachment A for the Cedar Canyon 16-1 Battery shall be measured at the Cedar Canyon 16-1 Central Tank Battery (Cedar Canyon 16-1 CTB) located in Unit D of Section 16, Township 24 South, Range 29 East, NMPM, Eddy County, New Mexico. All of the wells shall be measured with a combination of metering and well testing. Wells that in Range 2 decline as specified in Hearing Order R-14299 will be tested as least twice a month. Wells that are in Range 3 decline as specified in Hearing Order R-14299 will be tested as least once a month. The gas will be measured at the Cedar Canyon 16-1 CTB, which will be the Central Delivery Point for those wells. Lastly, after the oil production is measured, it will flow to the Harroun OGS where it will be sold.

Cedar Canyon 15-15 Battery

The oil and gas production from the Cedar Canyon 15 Federal Com Well No. 5H shall be measured at the Cedar Canyon 15 Federal Com Well No. 5H well pad, located in Unit D, Section 15, Township 24 South, Range 29 East, NMPM, Eddy County. The gas will be measured at the Cedar Canyon 15 Federal Com Well No. 5H, which will be the Central Delivery Point for this well. Lastly, after the oil production is measured, it will flow to the Harroun OGS where it will be sold.

The allocation meters shall be calibrated quarterly in accordance with Rule 19.15.12.10.C (2) NMAC.

This installation shall be installed and operated in accordance with the applicable Division Rules. It is the responsibility of the producer to notify the transporter of this commingling authority.

OXY USA, Inc. shall provide a Sundry Notice to the Engineering Bureau in Santa Fe when a test separator is removed.

This approval is subject to like approval from Bureau of Land Management and New Mexico State Land Office before commencing commingling operations.

This Order supersedes Administrative Order PLC-405, issued on October 3, 2014. This Order adds new wells, new pools, and approves measurement methods based on Hearing Order R-14299, issued on February 14, 2017. Lastly, this amended administrative order adds new central Delivery Points for gas production.

The operator shall notify the Artesia District office of the Division prior to implementation of the commingling operations.


DAVID R. CATANACH
Director

DRC/mam

cc: Oil Conservation Division District Office – Artesia
Bureau of Land Management – Carlsbad
New Mexico State Land Office – Oil, Gas, and Minerals

Attachment A

Attachment A: Harroun 15-15 Well list

CEDAR CANYON 16-1 BATTERY

Well	API	Lease Number	Project Area or Spacing Unit	Pool	Pool Code	Range
Cedar Canyon 16 State #11H	30-015-42062	State Lease VA-0836-0001	E/2 W/2 Section 16	CEDAR CANYON;DELAWARE	11540	3
Cedar Canyon 16 State #1H	30-015-39856	State Lease VA-0836-0001	W/2 W/2 Section 16	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 16 State #2H	30-015-41024	State Lease VA-0836-0001	S/2 S/2 Section 16	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 16 State #6H	30-015-41595	State Lease VA-0836-0001	N/2 S/2 Section 16	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 16 State #7H	30-015-41251	State Lease VA-0836-0001	S/2 N/2 Section 16	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 16 State #8H	30-015-41596	State Lease VA-0836-0001	N/2 N/2 Section 16	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 16 State #9H	30-015-42061	State Lease VA-0836-0001	W/2 W/2 Section 16	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 16 State #10H	30-015-42055	State Lease VA-0836-0001	E/2 W/2 Section 16	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 16 State #12H	30-015-42683	State Lease VA-0836-0001	S/2 S/2 Section 16	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 16 State #33H	30-015-43844	State Lease VA-0836-0001	W/2 E/2 Section 16	PURPLE SAGE;WOLFCAMP (GAS)	98220	2
Cedar Canyon 16 State #34H	30-015-43843	State Lease VA-0836-0001	E/2 E/2 Section 16	PURPLE SAGE;WOLFCAMP (GAS)	98220	2

HARROUN 9-1 BATTERY

Well	API	Lease Number	Project Area or Spacing Unit	Pool	Pool Code	Range
Cedar Canyon 15 #4H	30-015-41291		S/2 N/2 Section 15	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Harroun 9 #1	30-015-34997		S/2 SE/4 and SE/4 SW/4 Section 9	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Harroun 9 #3H	30-015-41488		S/2 S/2 Section 9	PIERCE CROSSING; BONE SPRING, EAST	96473	3

HARROUN 15-15 BATTERY

Well	API	Lease Number	Project Area or Spacing Unit	Pool	Pool Code	Range
Harroun 10 #1	30-015-30375		SE/4 SW/4 Section 10	CEDAR CANYON;DELAWARE	11540	3
Harroun 10 #2	30-015-31709		SW/4 SW/4 Section 10	CEDAR CANYON;DELAWARE	11540	3
Harroun 10 #3	30-015-32617		NW/4 SW/4 Section 10	CEDAR CANYON;DELAWARE	11540	3
Harroun 15 #7	30-015-29987		NE/4 NW/4 Section 15	CEDAR CANYON;DELAWARE	11540	3
Harroun 15 #8	30-015-30253		SE/4 NW/4 Section 15	CEDAR CANYON;DELAWARE	11540	3
Harroun 15 #14	30-015-32620		NW/4 NW/4 Section 15	CEDAR CANYON;DELAWARE	11540	3
Cedar Canyon 17 Fee #1H	30-015-42058		S/2 N/2 Section 17	CORRAL DRAW;BONE SPRING	96238	3
Harroun 15 #15	30-015-33317		SW/4 NW/4 Section 15	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Harroun 15 #16A	30-015-33823		NW/4 SE/4 and N/2 SW/4 Section 15	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Harroun 15 #17	30-015-33822		SW/4 SE/4 and S/2 SW/4 Section 15	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 15 #2H	30-015-41032		S/2 S/2 Section 15	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 15 #3H	30-015-41594		N/2 S/2 Section 15	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 22 #2H	30-015-41327		N/2 N/2 Section 22	PIERCE CROSSING; BONE SPRING, EAST	96473	3
Cedar Canyon 15 Fed Com 5H	30-015-42421	Fed CA 134544	N/2 N/2 Section 15	PIERCE CROSSING; BONE SPRING, EAST	96473	3

Cedar Canyon 15 Fed Com 5H BATTERY

Well	API	Lease Number	Project Area or Spacing Unit	Pool	Pool Code	Range
Cedar Canyon 15 Fed Com 5H	30-015-42421	Fed CA 134544	N/2 N/2 Section 15	PIERCE CROSSING; BONE SPRING, EAST	96473	3