

3-30-2017 DATE IN	SUSPENSE	ENGINEER MAM	3-31-2017 LOGGED IN	TYPE PC	APP NO. PKSC1709028045
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - 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

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A] OXY USA INC (16696)
 [A] Location - Spacing Unit - Simultaneous Dedication Cypress 33 Federal Com #8H
☐ NSL ☐ NSP ☐ SD 30-015-43075
 Check One Only for [B] or [C] CEDAR CANYON; BONE SPRING (11520)
 [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☒ PLC ☐ PC ☒ OLS ☒ OLM
 [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
 [D] Other: Specify _____

- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply
 [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

- [4] **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.

Taylor Stillman
 Print or Type Name

Taylor Stillman
 Signature

PRODUCTION ENGINEER
 Title

12/14/16
 Date

TAYLOR_STILLMAN@OXY.COM
 e-mail Address

APPLICATION FOR POOL AND LEASE COMMINGLE, OFF LEASE MEASUREMENT, SALES & STORAGE

Proposal for Cypress 34 Federal #10H, #11H and #12H, Cypress 33 Federal Com #8H and #9H to produce to Goodnight 27-4 CTB.

OXY USA INC is requesting approval for Pool & Lease Commingle, and Off Lease Measurement, Sales, & Storage from the following wells:

Pool: Cedar Canyon Bone Spring (11520); CA # NM135945

WELL NAME	API No.	LOCATION	BOPD	GRAVITY	MSCFD	BTU
Cypress 33 Federal Com #8H	30-015-43075	D-33-23S-29E	93	44.5	293	1313
Cypress 33 Federal Com #9H	30-015-43751	N-28-23S-29E	574	44.5	1265	1313

Pool: Cedar Canyon Bone Spring (11520); Lease # NMNM086024

WELL NAME	API No.	LOCATION	BOPD	GRAVITY	MSCFD	BTU
Cypress 34 Federal #10H	30-015-43076	D-34-23S-29E	80	44.5	173	1313
Cypress 34 Federal #11H	30-015-42920	C-34-23S-29E	72	44.5	713	1313

Pool: WC-015 G-07 S242903I; UPPER WOLFCAMP (98214); Lease # NMNM086024

WELL NAME	API No.	LOCATION	BOPD	GRAVITY	MSCFD	BTU
Cypress 34 Federal #12H	30-015-43849	1-03-24S-29E	*600	*44.5	*1300	*1300

*Estimated production volumes.

The BLM's Royalty Interest rate is 12.5% for all wells.

A map is enclosed showing the Federal leases and well locations.

Oil & Gas metering:

The central tank battery is located on the well pad for the Goodnight 27 Federal #4H located at 32.269382, -103.974739 on Federal lease NMNM105557 in Eddy County, New Mexico.

Due to identical ownership between all wells, wells will be routed to a common three phase production separator. All wells will be tested monthly through a three phase test separator with meters for gas (S/N T151120531), oil (S/N 64086) and water (S/N 64079) for allocation purposes.

Oil production from the production and test separators will be combined and routed to a heater treater for further separation. From the heater treater, production will flow to oil tanks and then be sent through a LACT meter (S/N 3298052). Gas production will be metered by one of two Oxy check meters (S/N T15122197 or S/N TT151120537) and sent to Energy Transfer Sales Meter (S/N 57324) located at 32.270700, -103.974224. Water production will be sent to the Cedar Canyon water disposal gathering system.

All meters will be proven, as per API, NMOCD, and BLM specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter. The factor obtained will be used to allocate the production volumes.

Process and Flow Descriptions:

The flow of production is shown in detail on enclosed facility diagram and map which shows the lease boundaries, Communitization agreement boundaries, location of wells, facility, and gas sales meter. The commingling of 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. These applications will be submitted separately for approval per NMOCD and BLM regulations.

The BLM and NMOCD will be notified of any future changes in the facilities.

**Township 23 South, Range 29 East
Eddy County, New Mexico**

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22

T23S R29E

27

Federal Lease NMNM 105557

26

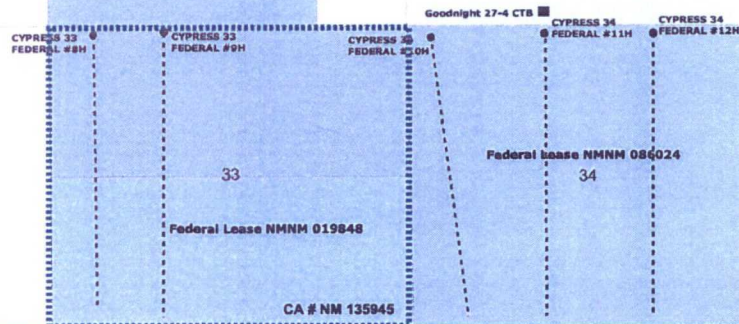
Federal Lease NMNM 103603

32

33

34

35



Federal Lease NMNM 103604

T24S R29E

4

3

Occidental Petroleum
5 Greenway Plaza, Houston, TX 77046

North American Datum 1927
Last Updated: December 14, 2016
Author: A.Cordas
File: Cormingie_Cypress_20161019

Com Agreement
Laterals
Well



Jeremy D. Murphrey, CPL
Land Negotiator Sr.

OXY USA Inc.
Box 27570, Houston, TX 77227-7570

Phone (713) 350-4816
Fax (713) 985-4942
Jeremy_Murphrey@oxy.com

December 8, 2016

RE: Surface Commingle Application
Cypress 33 Federal Com #8H (API: 30-015-43075)
Cypress 33 Federal Com #9H (API: 30-015-43751)
Cypress 34 Federal #10H (API: 30-015-43076)
Cypress 34 Federal #11H (API: 30-015-42920)
Cypress 34 Federal #12H (API: 30-015-43849)

To Whom It May Concern:

OXY USA Inc., as Operator, will be filing applications with the New Mexico Oil Conservation Division for approval of the above mentioned commingle project. After a review of internal records, this letter serves as notice that the operator and interest owners are identical for the wells mentioned above. If you have any questions or require any additional information please contact me.

Best Regards

OXY USA Inc.

A handwritten signature in black ink, appearing to read "J. Murphrey".

Jeremy Murphrey, CPL
Land Negotiator Sr.

Goodnight 27-4 CTB Production Data**Cypress 33-8 H 30-015-43075**

	Oil	Gas	Water
Apr	10264	0	0
May	12585	0	0
Jun	8704	0	0
Jul	6430	22170	27
Aug	5776	18529	0
Sep	2709	5987	0

Cypress 33-9H 30-015-43751

	Oil	Gas	Water
Apr	N/A	N/A	N/A
May	N/A	N/A	N/A
Jun	N/A	N/A	N/A
Jul	15904	21306	49
Aug	20620	35776	1
Sep	9641	11995	0

Cypress 34-10 30-015-43076

	Oil	Gas	Water
Apr	3588	16620	18450
May	3150	30812	15613
Jun	2576	17097	12236
Jul	2778	14328	14382
Aug	3174	10080	16789
Sep	2151	9177	11249

Cypress 34-11 30-015-42920

	Oil	Gas	Water
Apr	3314	8699	14970
May	2876	19443	13257
Jun	2739	14307	14586
Jul	2546	9927	13055
Aug	2139	9916	10476
Sep	2189	11255	15507

CONSERVATION
ARTESIA DISTRICT
MAR 03 2016

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Form C-102

Revised August 1, 2011

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District Office

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

☒ AMENDED REPORT
(As drilled)

District I
1825 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) 748-1281 Fax: (575) 748-9720
District III
1500 Rio Grande Blvd., Alamogordo, NM 88310
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) 476-3463

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43075	Pool Code 11520	Pool Name Cedar Canyon Bone Spring
Property Code 39492	Property Name CYPRESS "33" FEDERAL Com	Well Number 8H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3004.2'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	33	23 SOUTH	29 EAST, N.M.P.M.		150'	NORTH	780'	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	33	23 SOUTH	29 EAST, N.M.P.M.		234'	SOUTH	774'	WEST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No.	BP = 356 FSL 772 FWL TP = 701 FNL 798 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.

	SURFACE LOCATION NEW MEXICO EAST NAD 1927 Y=481782.3 X=604454.4 LAT.: N 32.2680459° LONG.: W 103.9953930°	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order. _____ Jana Mendiola Jana Mendiola@oxy.com	
	PENETRATION POINT NEW MEXICO EAST NAD 1927 Y=481217.3 X=604454.4 LAT.: N 32.2673511° LONG.: W 103.9953938°		SURVEYOR CERTIFICATION I hereby certify that the information contained on this plat was plotted from a true and correct survey made by me or under my supervision, and that the same is true and correct to the best of my belief. _____ Jana Mendiola Jana Mendiola@oxy.com
	TOP PERF. NEW MEXICO EAST NAD 1927 Y=481782.3 X=604454.4 LAT.: N 32.2680459° LONG.: W 103.9953930°		PROFESSIONAL LAND SURVEYOR 15079 NOVEMBER 15, 2013 Date of Survey
	BOTTOM PERF. NEW MEXICO EAST NAD 1927 Y=481217.3 X=604454.4 LAT.: N 32.2673511° LONG.: W 103.9953938°		_____ Jana Mendiola Jana Mendiola@oxy.com
BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=481217.3 X=604454.4 LAT.: N 32.2673511° LONG.: W 103.9953938°		_____ Jana Mendiola Jana Mendiola@oxy.com	

WOF 131115WL-0 (Rev. A) (NA)

NM OIL CONSERVATION
ARTESIA DISTRICT

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

AUG 29 2016

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☒ AMENDED REPORT
As-Drilled

Division I
1425 N. French Dr., Roswell, NM 88203
Phone: (505) 393-4141 Fax: (505) 393-4720
Division II
611 E. 7th St., Artesia, NM 88210
Phone: (505) 748-1383 Fax: (505) 748-0720
Division III
1000 San Francisco Road, Alamo, NM 87410
Phone: (505) 334-4178 Fax: (505) 334-4170
Division IV
1235 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3440 Fax: (505) 476-3443

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43751	Pool Code 11520	Pool Name Cedar Canyon Bone Spring
Property Code 39492	Property Name CYPRESS "33" FEDERAL COM	Well Number 9H
OGRIID No. 16096	Operator Name OXY USA INC.	Elevation 3019.6'

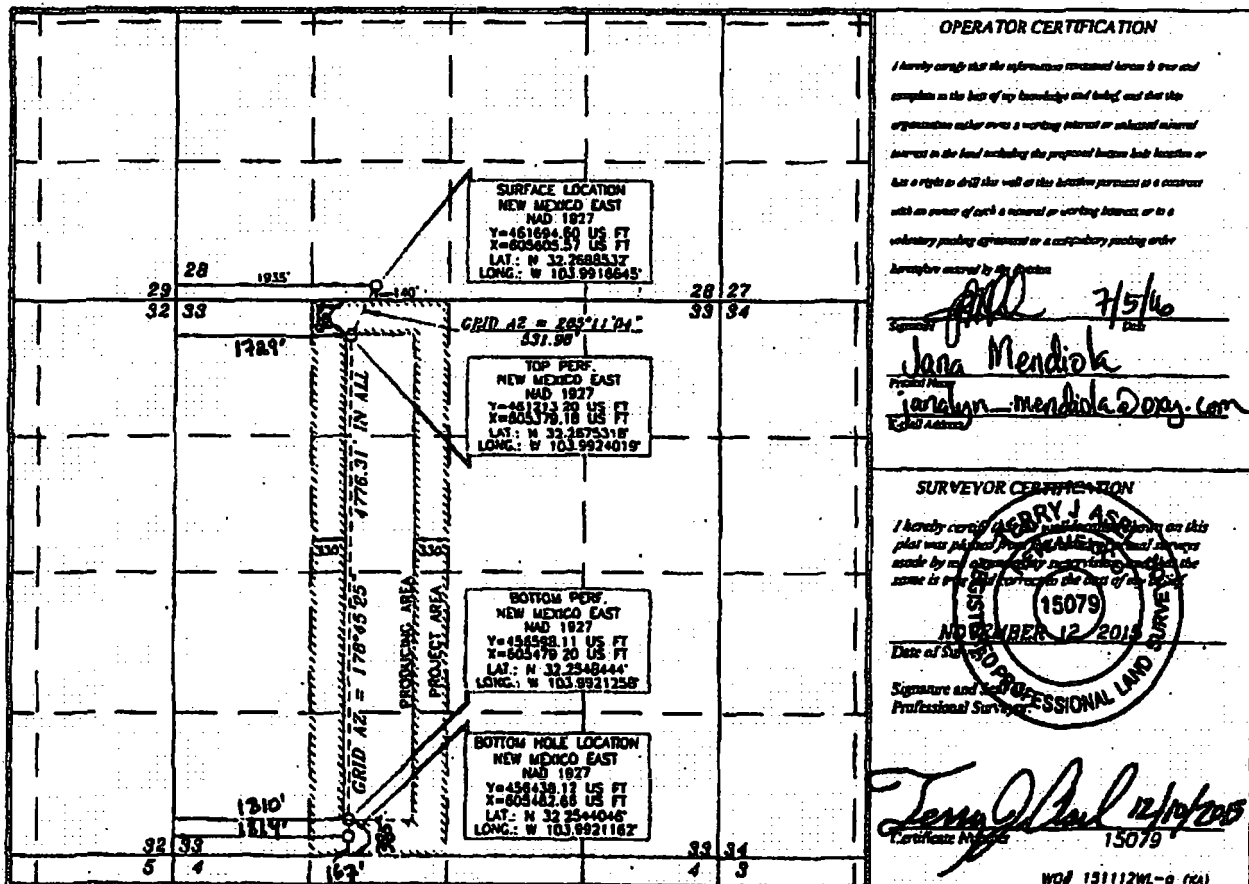
Surface Location

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
N	28	23 SOUTH	29 EAST, N.M.P.M.		140'	SOUTH	1935'	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
N	33	23 SOUTH	29 EAST, N.M.P.M.		180' 172'	SOUTH	1900' 1814'	WEST	EDDY
Dedicated Acres 160	Joint or Infill Y	Consolidation Code	Order No.	BP-385' FSL 1810' FWL TP-459' FNL 1729' FWL					

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



District I
 1633 W. French Dr., Hobbs, NM 88240
 Phone: (505) 993-6161 Fax: (505) 993-0720
 District II
 911 S. First St., Artesia, NM 88210
 Phone: (505) 743-1281 Fax: (505) 743-9720
 District III
 1000 Rio Brueño Road, Aztec, NM 87410
 Phone: (505) 334-6179 Fax: (505) 334-6170
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-5460 Fax: (505) 476-5462

NM OIL CONSERVATION

ARTESIA DISTRICT

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

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 (As Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43076	Pool Code 11520	Pool Name Cedar Canyon Bone Spring
Property Code 304798	Property Name CYPRESS "34" FEDERAL	Well Number 10H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3049.8'

Surface Location

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	23 SOUTH	29 EAST, N.M.P.M.		210'	NORTH	330'	WEST	EDDY

Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	34	23 SOUTH	29 EAST, N.M.P.M.		148'	SOUTH	558'	WEST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code 160	Bottom Perf - 488' FSL 558' FWL Top Perf - 716' FNL 290' 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.

SURFACE LOCATION
 NEW MEXICO EAST
 NAD 1927
 Y=461357.0
 X=609328.1
 LAT.: N 32.2678920°
 LONG.: W 103.9796248°

PENETRATION POINT
 NEW MEXICO EAST
 NAD 1927
 Y=461237.1
 X=609341.9
 LAT.: N 32.2675621°
 LONG.: W 103.9795814°

TOP PERF.
 NEW MEXICO EAST
 NAD 1927
 Y=460752.1
 X=609367.8
 LAT.: N 32.2662284°
 LONG.: W 103.9794058°

OPERATOR CERTIFICATION

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

Signature: Jana Mendiola Date: 9/29/15

Printed Name: Jana Mendiola

Business Address: jenalyn_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.

Date of Survey: NOVEMBER 15, 2013

Signature and Seal: Jerry J. Paul

Certificate Number: 15079

Professional Surveyor

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone: (505) 393-4161 Fax: (505) 393-0720
 District II
 911 S. First St., Artesia, NM 88210
 Phone: (505) 748-1283 Fax: (505) 748-0720
 District III
 1000 Rio Grande Blvd., Aztec, NM 87410
 Phone: (505) 334-6178 Fax: (505) 334-6170
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3400 Fax: (505) 476-3463

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

ARTESIA DISTRICT

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42920	Pool Code 11520	Pool Name Cedar Canyon Bone Spring
Property Code 304798	Property Name CYPRESS "34" FEDERAL	Well Number 11H
OCRID No. 16696	Operator Name OXY USA INC.	Elevation 3027.1'

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	34	23 SOUTH	29 EAST, N.M.P.M.		150'	NORTH	2000'	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	34	23 SOUTH	29 EAST, N.M.P.M.		180'	SOUTH	180'	WEST	EDDY

Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No. TD- 188' FSL 2630' FWL BP- 333' FSL 2430' FWL TP- 648' FSL 1986' FWL
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or otherwise controls 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 approved by the Division. <i>[Signature]</i> 4/8/15 Jana Mendiola jana@mendiola-oxy.com (Well Address) SURVEYOR CERTIFICATION I hereby certify that the information contained herein on this plat was prepared by me or under my direct supervision and that the same is true and correct to the best of my knowledge. 15079 SEPTEMBER 10, 2014 Date of Survey Signature <i>[Signature]</i> Professional Surveyor 15079 Certificate Number WO# 130519ML-a (Rev. A) (NA)
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NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 31 2016

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

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811 S. First St., Artesia, NM 88210
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1000 Rio Grande Blvd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
Division IV
1220 S. St. Francis Dr., Santa Fe, NM 87503
Phone: (505) 476-3460 Fax: (505) 476-3462

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43849	Pool Code 98214	Pool Name WC-D15 G-07 52429031, Upper Wolfcamp
Property Code 304798	Property Name CYPRESS "34" FEDERAL	Well Number 12H
OGRID No. 16694	Operator Name OXY USA INC.	Elevation 3095.1'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	3	24 SOUTH	29 EAST, N.M.P.M.		180'	NORTH	1167'	EAST	EDDY

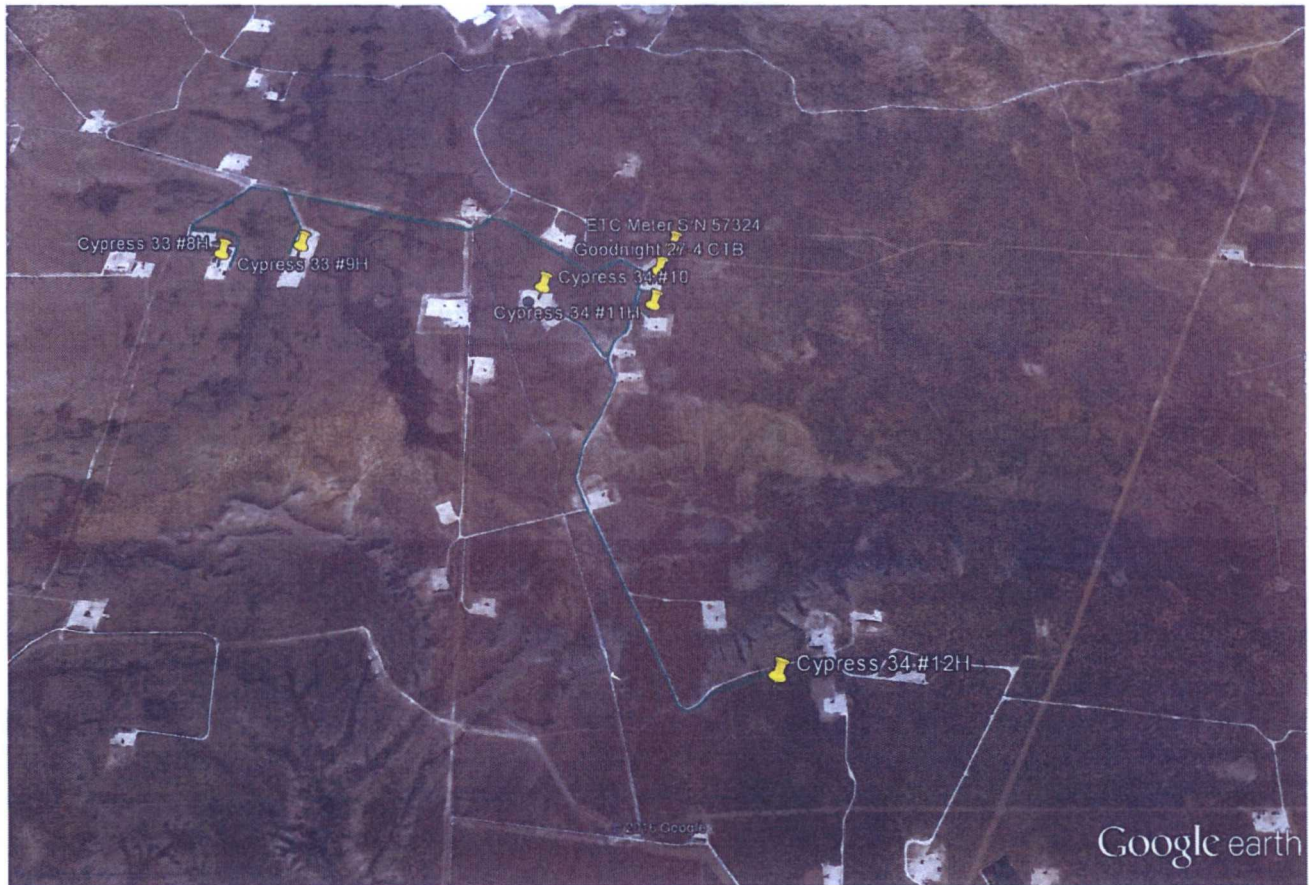
Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	23 SOUTH	29 EAST, N.M.P.M.		180'	NORTH	1671'	EAST	EDDY
Dedicated Acres 160	Join 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 contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order. Signature: <i>[Signature]</i> Date: 9/22/16 David Stewart <i>[Signature]</i> Printed Name: David Stewart E-mail Address: dwstewart@oxy.com SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was located from the center of each survey made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: MARCH 8, 2016 Signature and Seal of Professional Surveyor: <i>[Signature]</i> 3/24/2016 Certificate Number: 15079
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Goodnight 27-4 CTB Flowline & Gas Sales Map



Google Earth Pro

miles 1
km 2

