

MAR 05 2018

Form C-102

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-44793	Well Name Pierce Grassing East Cedar Canyon Bone Springs
Property Code 320846	Property Name CEDAR CANYON "17" FEDERAL COM
OGRID No. 16656	Operator Name OXY USA INC.
	Well Number 21H
	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
P	8	24 SOUTH	29 EAST, N.M.P.M.		238'	SOUTH	142'	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
D	17	24 SOUTH	29 EAST, N.M.P.M.		940'	NORTH	180'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No
160	Y		

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

<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided 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.</p> <p>Signature: <i>David Stewart</i> Date: 5/30/17 Printed Name: David Stewart Sr. Reg. Adu. E-mail Address: david.stewart@oxy.com</p>			
<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from the best of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>DATE OF SURVEY: SEPTEMBER 8, 2016 Signature and Seal of Professional Surveyor: <i>Tommy Paul</i> 15079 Certificate Number: 15079</p>			

BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1983
Y=444782.99 US FT
X=639909.78 US FT
LAT.: N 32.2223827
LONG.: W 104.0145750

BOTTOM PERF.
NEW MEXICO EAST
NAD 1983
Y=444782.03 US FT
X=640069.77 US FT
LAT.: N 32.2223790
LONG.: W 104.0140576

TOP PERF.
NEW MEXICO EAST
NAD 1983
Y=444757.15 US FT
X=644688.58 US FT
LAT.: N 32.222720
LONG.: W 103.9991220

KICK OFF POINT
NEW MEXICO EAST
NAD 1983
Y=444755.58 US FT
X=644978.60 US FT
LAT.: N 32.222853
LONG.: W 103.9981841

SURFACE LOCATION
NEW MEXICO EAST
NAD 1983
Y=445934.14 US FT
X=644878.03 US FT
LAT.: N 32.2255058
LONG.: W 103.9984975

GRID AZ = 175°07'21" 1182.84'

GRID AZ = 270°18'31" 5068.91' IN ALL

PROJECT AREA

PRODUCING AREA

RVP 3-14-18



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Drilling Plan Data Report

02/26/2018

APD ID: 10400014580

Submission Date: 05/30/2017

Highlighted data
reflects the most
recent changes

Operator Name: OXY USA INCORPORATED

Well Name: CEDAR CANYON 17 FEDERAL COM

Well Number: 21H

[Show Final Text](#)

Well Type: OIL WELL

Well Work Type: Drill

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	RUSTLER	2926	83	83	SHALE, DOLOMITE, ANHYDRITE	USEABLE WATER	No
2	SALADO	2357	569	569	SHALE, DOLOMITE, HALITE, ANHYDRITE	OTHER : SALT	No
3	CASTILE	1633	1293	1293	ANHYDRITE	OTHER : Salt	No
4	LAMAR	82	2844	2844	LIMESTONE, SANDSTONE, SILTSTONE	NATURAL GAS, OIL, OTHER : BRINE	No
5	BELL CANYON	58	2868	2868	SANDSTONE, SILTSTONE	NATURAL GAS, OIL, OTHER : BRINE	No
6	CHERRY CANYON	-815	3741	3753	SANDSTONE, SILTSTONE	NATURAL GAS, OIL, OTHER : BRINE	No
7	BRUSHY CANYON	-2052	4978	5034	SANDSTONE, SILTSTONE	NATURAL GAS, OIL, OTHER : BRINE	No
8	BONE SPRING	-3607	6533	6645	LIMESTONE, SANDSTONE, SILTSTONE	NATURAL GAS, OIL	Yes
9	BONE SPRING 1ST	-4637	7563	7708	LIMESTONE, SANDSTONE, SILTSTONE	NATURAL GAS, OIL	Yes
10	BONE SPRING 2ND	-4892	7818	7965	LIMESTONE, SANDSTONE, SILTSTONE	NATURAL GAS, OIL	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 8618

Equipment: 13-5/8" 5M Annular, Blind Ram, Double Ram

Requesting Variance? YES

Variance request: Request for the use of a flexible choke line from the BOP to Choke Manifold.

Testing Procedure: BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested. Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. A multibowl wellhead or a unionized multibowl wellhead system will be employed. The wellhead and connection to the BOPE will meet all API 6A requirements. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a