

BLM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTAPR 18 2018
OCD ArtesiaFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.
NMNM94651

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator OXY USA INCORPORATED			8. Lease Name and Well No. CEDAR CANYON 27-28 FEDERAL 44H		
Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com					
3. Address 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521			9. API Well No. 30-015-44438-00-S1		
3a. Phone No. (include area code) Ph: 432-685-5936					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 29 T24S R29E Mer NMP At surface SESE 1245FSL 465FEL 32.184489 N Lat, 103.999583 W Lon Sec 28 T24S R29E Mer NMP At top prod interval reported below SWSW 932FSL 399FWL 32.183643 N Lat, 103.996982 W Lon Sec 27 T24S R29E Mer NMP At total depth SESE 943FSL 185FEL 32.183627 N Lat, 103.964495 W Lon			10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS)		
			11. Sec., T., R., M., or Block and Survey or Area Sec 29 T24S R29E Mer NMP		
			12. County or Parish EDDY		13. State NM
14. Date Spudded 09/27/2017		15. Date T.D. Reached 11/13/2017	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/03/2018		17. Elevations (DF, KB, RT, GL)* 2937 GL
18. Total Depth: MD TVD 20285 10106		19. Plug Back T.D.: MD TVD 20228 10104		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUDLOG			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	784		965	231	0	
12.250	9.625 L80	53.5	0	9354	2949	3086	1023	0	
8.500	5.500 P110	20.0	0	20275		2286	560	8345	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10303	20127	10303 TO 20127	0.420	1960	ACTIVE
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10303 TO 20127	12452202G SLICK WATER + 51198G 7.5% HCL ACID W/ 15021205# SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/05/2018	01/12/2018	24	→	5732.0	10243.0	12783.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
59/128	SI	1860.0	→	5732	10243	12783	1787	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

APR 13 2018

Blanch Aguirre

Bureau of Land Management
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #409264 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

Reclamation Due: 7/3/2018

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
BELL CANYON	2934	3793	OIL, GAS, WATER	RUSTLER	307
CHERRY CANYON	3794	5046	OIL, GAS, WATER	SALADO	689
BRUSHY CANYON	5047	6619	OIL, GAS, WATER	CASTILE	1356
BONE SPRING	6620	7568	OIL, GAS, WATER	DELAWARE	2883
BONE SPRING 1ST	7569	8393	OIL, GAS, WATER	BELL CANYON	2934
BONE SPRING 2ND	8394	9437	OIL, GAS, WATER	CHERRY CANYON	3794
BONE SPRING 3RD	9438	9954	OIL, GAS, WATER	BRUSHY CANYON	5047
WOLFCAMP	9955		OIL, GAS, WATER	BONE SPRING	6620

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 7569'M
2ND BONE SPRING 8394'M
3RD BONE SPRING 9438'M
WOLFCAMP 9955'M

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #409264 Verified by the BLM Well Information System.

For OXY USA INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by DUNCAN WHITLOCK on 03/27/2018 (18DW0111SE)

Name (please print) DAVID STEWART

Title REGULATORY ADVISOR

Signature _____ (Electronic Submission)

Date 03/26/2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #409264 that would not fit on the form

32. Additional remarks, continued

Logs were mailed 3/26/18.

Log Header, Directional Survey, As-Drilled Amended C-102 plat & WBD are attached.

NM OIL CONSERVATION

ARTESIA DISTRICT

APR 18 2018

Form C-102

Revised August 1, 2011

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

RECEIVED Submit one copy to appropriate District Office

☒ AMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-44438	Pool Code 98220	Pool Name PURPLE SAGE WOLFCAMP
Property Code 319584	Property Name CEDAR CANYON "27-28" FEDERAL	Well Number 44H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 2937.1'

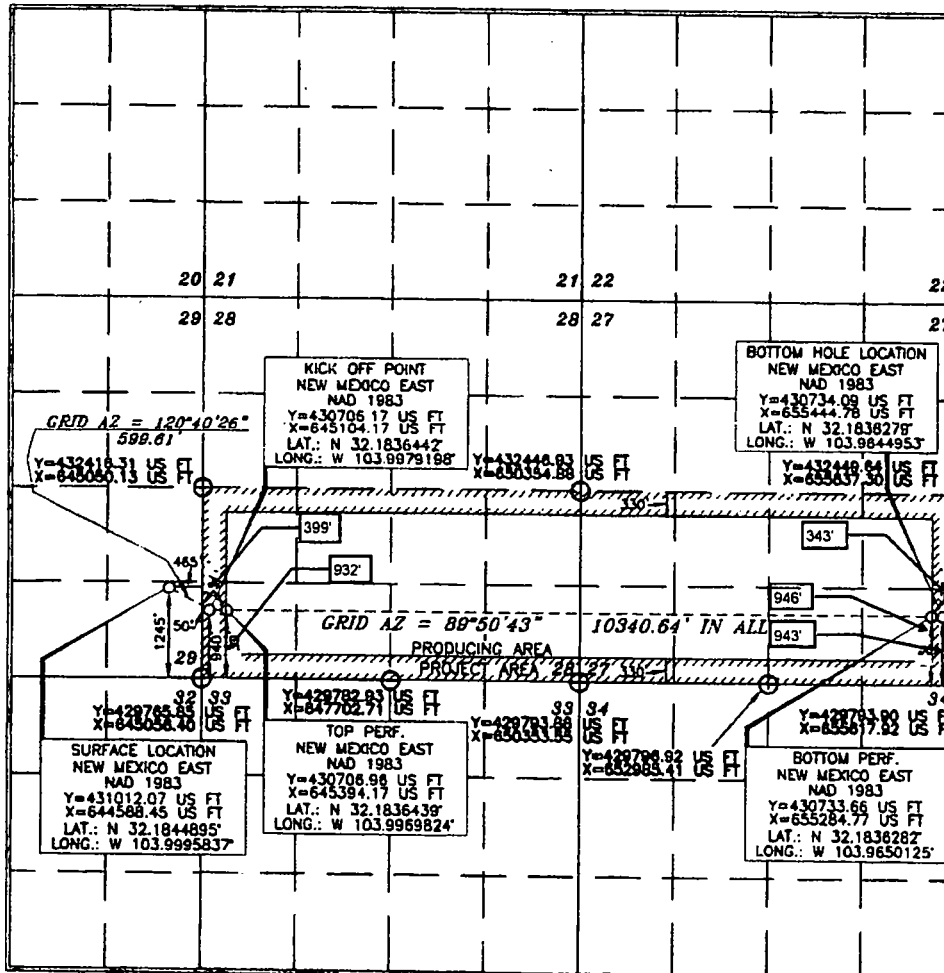
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	29	24 SOUTH	29 EAST, N.M.P.M.		1245'	SOUTH	485'	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	27	24 SOUTH	29 EAST, N.M.P.M.		943'	SOUTH	185'	EAST	EDDY
Dedicated Acres 640	Joint or Infill Y	Consolidation Code	Order No. TP: 932 FSL 399 FWL, BP: 946 FSL 343 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 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.

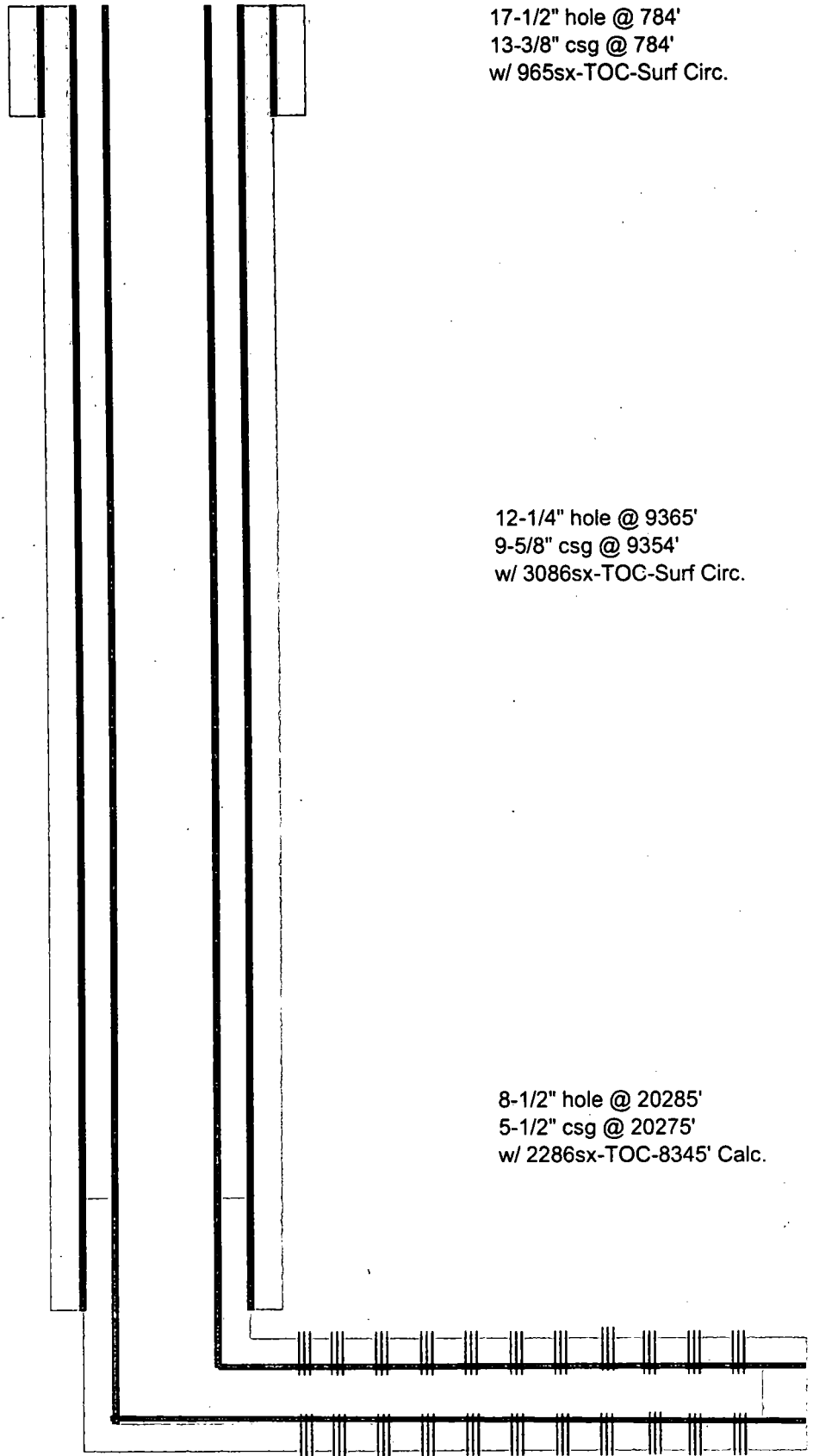
Signature: Sarah Mitchell Date: 12/27/17
Printed Name: Sarah Mitchell
E-mail Address: sarah_mitchell@oxy.com

SURVEYOR CERTIFICATION

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.

Date of Survey: APRIL 22 2016
Signature and Seal of Professional Surveyor: Terry J. Asel
Certificate Number: 15079

OXY USA Inc.
Cedar Canyon 27-28 Federal 44H
API No. 30-015-44438



17-1/2" hole @ 784'
13-3/8" csg @ 784'
w/ 965sx-TOC-Surf Circ.

12-1/4" hole @ 9365'
9-5/8" csg @ 9354'
w/ 3086sx-TOC-Surf Circ.

8-1/2" hole @ 20285'
5-1/2" csg @ 20275'
w/ 2286sx-TOC-8345' Calc.

Perfs @ 10303-20127'

TD- 20285'M 10106'V