

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
ARTESIA DISTRICT

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources MAR 17 2017

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

☒ AMENDED REPORT

RECEIVED (convert oil well to SWD)

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Rockcliff Operating New Mexico LLC 1301 McKinney, Suite 1300 Houston TX 77010 (713) 351-0500		UGRID Number 371115
Property Code 316160		API Number 30-015-23339
Property Name South Culebra Bluff Unit		Well No. 6

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	24	23S	28E		1980	N	660	W	Eddy

*** Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

*** Pool Information**

Pool Name SWD; Cherry Canyon	Pool Code 97003
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Additional Well Information

¹¹ Work Type P	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 2986'
¹⁶ Multiple N	¹⁷ Proposed Depth PBD = 4730'	¹⁸ Formation Cherry Canyon	¹⁹ Contractor to be determined	²⁰ Spud Date upon C-108 approval
Depth to Ground water 130' in C 00500	Distance from nearest fresh water well 482' NW of C 00500	Distance to nearest surface water ~390' N of irrigation canal		

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5"	13.375"	48	0' - 485'	600	Circ 35 sx to GL
Production	9.5"	7.625"	26.4	0' - 7006'	3055	3920' per CBL
Liner	6.5"	4.5"	11.6	6801' - 9498'	450	TOL

Casing/Cement Program: Additional Comments

Will set CIBP @ 4750', add 20' cmt atop CIBP to 4730', and perf Cherry Canyon from 4290' to 4695'

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
annular & rams	3000 psi	3000 psi	to be determined

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: <i>Brian Wood</i>		OIL CONSERVATION DIVISION Approved By: <i>Raymond M. Rodary</i> Title: <i>Geologist</i> Approved Date: <i>3-17-2017</i> Expiration Date: <i>3-17-2019</i>	
Printed name: Brian Wood			
Title: Consultant			
E-mail Address: brian@permitswest.com			
Date: 3-13-17	Phone: 505 466-8120	Conditions of Approval Attached <i>COR - C108 APPROVAL</i>	

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

NM OIL CONSERVATION

ARTESIA DISTRICT

MAR 17 2017

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Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

X AMENDED REPORT
(change from Brushy
Canyon oil well)

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 30-015-23339	2 97003	3 SWD; Cherry Canyon
4 316160	5 South Culebra Bluff Unit	6 4
7 371115	8 Rockcliff Operating New Mexico LLC	9 2986'

10 Surface Location

E	24	23 S	28 E	Lot Idn	1980	North	660	West	Eddy County
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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	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.

<p>16</p>	<p>17 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 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.</p> <p><i>Brian Wood</i> 3-13-17 Signature Date Brian Wood</p> <p>Printed Name brian@permitswest.com</p> <p>E-mail Address (505) 466-8120</p>		
	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>4-2-80</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: Original survey by John West attached</p>		
	<p>Certificate Number</p>		

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION

AT

MAY 21 1980

RECEIVED

Form O-102
Supersedes O-128
Effective 10-65

All distances must be from the outer boundary of the Section

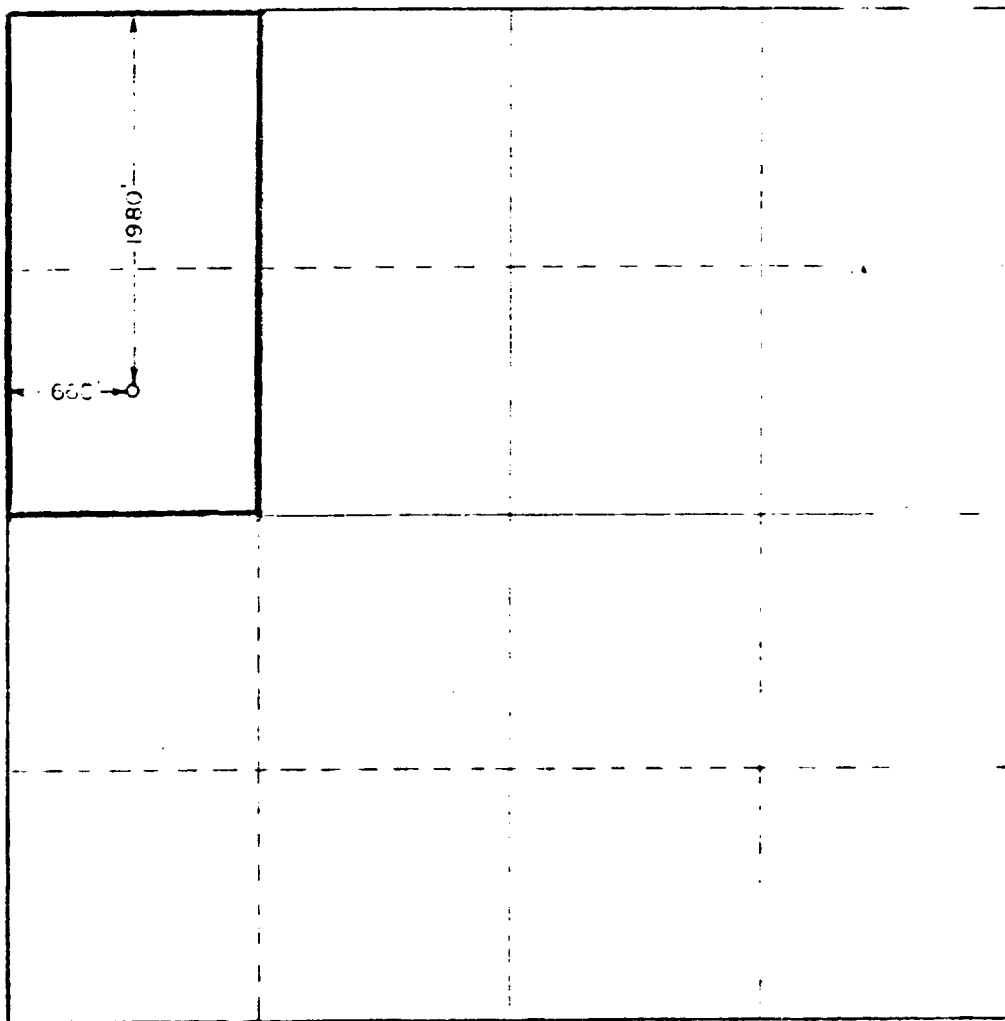
Delta Drilling Co.		South Culebra Bluff		O.C.D. ARTESIA OFFICE	6
E	24	23 South	28 East	Eddy	
1980	feet from the North	line and	660	feet from the West	line
2986.7	Bone Springs	und	South Culebra (Bone Springs)		Dedicated Acreage: 80

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions who have not been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating all interests, has been approved by the Commission.



CERTIFICATION

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

Mike Larremore

Mike Larremore

Field Project Manager

Delta Drilling Company

5-19-80

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 knowledge and belief.

April 2, 1980

Signature of Professional Engineer

John W. West

Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6668
Ronald J. Eidson 3239

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960

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