

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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 Rd., Aztec, NM 87410
Phone:(505) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 226825

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

1. Operator Name and Address BREITBURN OPERATING LP 1401 McKinney Street Houston, TX 77010		2. OGRID Number 370080
4. Property Code 316831		3. API Number 30-025-43444
5. Property Name ENCORE M 21 FEE		6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	21	22S	37E	L	2130	S	660	W	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	21	22S	37E	L	2130	S	660	W	Lea

9. Pool Information

WC-025 G-04 S223720I;DEVONIAN	98168
TUBB OIL AND GAS (OIL)	60240
DRINKARD	19190
WANTZ;ABO	62700
BLINEBRY OIL AND GAS (OIL)	6660

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3364
16. Multiple Y	17. Proposed Depth 8100	18. Formation Montoya	19. Contractor	20. Spud Date 10/10/2016
Depth to Ground water		Distance to nearest fresh water well		Distance to nearest surface water

☒ 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
Surf	17.5	13.375	54.5	1180	1085	0
Int1	12.25	9.625	40	4550	1300	0
Prod	8.75	5.5	20	8100	1400	3500

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1500	
Double Ram	3000	2500	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Jeanie Mcmillan Title:	Approved By: Paul Kautz Title: Geologist
Email Address: jeanie.mcmillan@breitburn.com Date: 9/30/2016	Approved Date: 10/3/2016 Expiration Date: 10/3/2018
Phone: 713-632-8534	Conditions of Approval Attached

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 62700	³ Pool Name WC-025 G-04 S2237201; Devonian
⁴ Property Code	⁵ Property Name Encore M Fee		⁶ Well Number 21-1
⁷ GRID No. 370080	⁸ Operator Name Breitburn Operating LP		⁹ Elevation 3364'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	21	22 S	37 E		2130'	South	660'	West	Lea

¹¹Bottom 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>¹⁷OPERATOR 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>Shelly Doescher</i> 9/30/2016 Signature Date</p> <p>Shelly Doescher Printed Name</p> <p>shelly_doescher@yahoo.com E-mail Address</p>
	<p>¹⁸SURVEYOR 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>09-21-2016 Date of Survey</p> <p><i>Michael L. Stanford</i> Signature and Seal of Professional Surveyor</p> <p>10324 Certificate Number</p>

4.3 Miles South of Eunice, New Mexico.

File No. A-11172

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code 60240	Pool Name Tubb Oil and Gas (Oil)
Property Code	Property Name Encore M Fee		Well Number 21-1
GRID No. 370080	Operator Name Breitburn Operating LP		Elevation 3364'

¹⁰Surface Location

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	<p>Encore M Fee 21-1 Elev. 3364' NAD 83 NM East X = 899131.7' Y = 502444.0' Lat. = 32.375961' Long. = -103.174394'</p>
	<p>LMPSU 106</p> <p>LMPSU 102</p> <p>LMPSU 103</p> <p>LMPSU 101</p> <p>LMPSU 105</p> <p>LMPSU #104</p> <p>Encore M Fee Lease</p>

4.3 Miles South of Eunice, New Mexico.

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code 19190	Pool Name Drinkard
Property Code	Encore M Fee		Well Number 21-1
OGRID No. 370080	Operator Name Breitburn Operating LP		Elevation 3364'

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	21	22 S	37 E		2130'	South	660'	West	Lea

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.

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	<p>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.</p> <p>Signature: <i>Shelly Doescher</i> Date: 9/30/2016</p> <p>Printed Name: Shelly Doescher</p> <p>E-mail Address: shelly_doescher@yahoo.com</p>
	<p>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.</p> <p>Date of Survey: 09-21-2016</p> <p>Signature and Seal of Professional Surveyor: <i>Michael L. Stanford</i></p> <p>Certificate Number: 10324</p>
	<p>Encore M Fee 21-1 Elev. 3364' NAD 83 NM East X = 899131.7' Y = 502444.0' Lat. = 32.375961' Long. = -103.174394'</p>

4.3 Miles South of Eunice, New Mexico.

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 62700	³ Pool Name Wantz;Abo
⁴ Property Code	⁵ Property Name Encore M Fee		⁶ Well Number 21-1
⁷ GRID No. 370080	⁸ Operator Name Breitburn Operating LP		⁹ Elevation 3364'

¹⁰Surface Location

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 6660	³ Pool Name Blinebry Oil and Gas (Oil)
⁴ Property Code	⁵ Property Name Encore M Fee		⁶ Well Number 21-1
⁷ GRID No. 370080	⁸ Operator Name Breitburn Operating LP		⁹ Elevation 3364'

¹⁰Surface Location

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L	21	22 S	37 E		2130'	South	660'	West	Lea

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4.3 Miles South of Eunice, New Mexico.

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Form APD Comments

Permit 226825

PERMIT COMMENTS

Operator Name and Address: BREITBURN OPERATING LP [370080] 1401 McKinney Street Houston, TX 77010	API Number: 30-025-43444
	Well: ENCORE M 21 FEE #001

Created By	Comment	Comment Date
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Form APD Conditions

Permit 226825

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: BREITBURN OPERATING LP [370080] 1401 McKinney Street Houston, TX 77010	API Number: 30-025-43444
	Well: ENCORE M 21 FEE #001

OCD Reviewer	Condition
pkautz	Will require an administrative order for downhole commingling prior to placing well on production.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186
pkautz	Must notify OCD Hobbs Office of any water flows in the Salado Formation at 575-370-3186. Report depth and flow rate
pkautz	The New! Gas Capture Plan (GCP) notice is posted on the NMOCD website under Announcements. The Plan became effective May 1, 2016. A copy of the GCP form is included with the NOTICE and is also in our FORMS section under Unnumbered Forms. Please review filing dates for all applicable activities currently approved or pending and submit accordingly. Failure to file a GCP may jeopardize the operator's ability to obtain C-129 approval to flare gas after the initial 60-day completion period.