

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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 254549

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

1. Operator Name and Address BREITBURN OPERATING LP 600 Travis Street, Suite 4800 Houston, Tx 77002, TX 77002		2. OGRID Number 370080
4. Property Code 314022		3. API Number 30-025-44965
5. Property Name ENCORE M STATE		6. Well No. 022

7. Surface Location

UL - Lot P	Section 20	Township 22S	Range 37E	Lot Idn P	Feet From 860	N/S Line S	Feet From 760	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot P	Section 20	Township 22S	Range 37E	Lot Idn P	Feet From 860	N/S Line S	Feet From 760	E/W Line E	County Lea
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9. Pool Information

BLINEBRY OIL AND GAS (OIL)	6660
TUBB OIL AND GAS (OIL)	60240
DRINKARD	19190
WANTZ:ABO	62700
WC-025 G-02 S223729G:GLORIETA	98223

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3369
16. Multiple Y	17. Proposed Depth 7600	18. Formation Abo Formation	19. Contractor	20. Spud Date 10/15/2018
Depth to Ground water		Distance from 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	1050	0
Int1	12.25	8.625	32	4500	1200	0
Prod	8.75	5.5	20	7600	1300	0

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 ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Jeanie Mcmillan	Approved By: Paul F Kautz
Title:	Title: Geologist
Email Address: jeanie.mcmillan@breitburn.com	Approved Date: 7/12/2018 Expiration Date: 7/12/2020
Date: 7/10/2018 Phone: 713-632-8534	Conditions of Approval Attached

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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

Form C-182
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ Well Number	² Foot Cuts	³ Well Name
	6660	Blinberry Oil and Gas (Oil)
⁴ Property Code	⁵ Property Name	⁶ Well Number
314022	Encore M State	22
⁷ Well No.	⁸ Operator Name	⁹ Well No.
370080	Brettburn Operating LP	3389

¹⁰Surface Location

Sec. or 1/4 Sec.	Section	Township	Range	1st 1/4	Feet from Ctn	North/South	Feet from Ctn	East/West	County
P	20	22 S	37 E		880'	South	780'	East	Lea

¹¹Bottom Hole Location If Different From Surface

Sec. or 1/4 Sec.	Section	Township	Range	1st 1/4	Feet from Ctn	North/South	Feet from Ctn	East/West	County
¹² Wellhead Name	¹³ Depth or Well	¹⁴ Commodities Code	¹⁵ Other No.						

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

ENCORE M STATE #22 Elev. 3389' NAD 83 NAD East N = 501136.2' E = 687722.5' Lat. = 35°22'30.57" Long. = -103°10'44.42"	¹⁷OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this information shall cover a working interest or substantial mineral interest in the land including the proposed bottom hole location or has a right to drill this well with bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or is a preliminary location agreement or a preliminary location order heretofore entered by the division. <i>Shelly Doescher</i> 7/10/2019 Signature Date shelly doescher Printed Name shelly.doescher@yahoo.com E-mail Address ¹⁸SURVEYOR 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. 5-4-2016 Date of Survey <i>Michael L. Stanford</i> Signature and Seal of Surveyor 10324 Northside Number
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ENCLOSURE
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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ Well Number	² Foot Cuts	³ Well Name
	60240	Tubb Oil and Gas (Oil)
⁴ Property Code	⁵ Property Name	⁶ Well Number
314022	Encore M State	22
⁷ Well No.	⁸ Operator Name	⁹ Well No.
370080	Brettburn Operating LP	3389

¹⁰Surface Location

Sec. or 1/4 Sec.	Section	Township	Range	1st 1/4	Feet from Ctn	North/South	Feet from Ctn	East/West	County
P	20	22 S	37 E		880'	South	780'	East	Lea

¹¹Bottom Hole Location If Different From Surface

Sec. or 1/4 Sec.	Section	Township	Range	1st 1/4	Feet from Ctn	North/South	Feet from Ctn	East/West	County
¹² Wellhead Name	¹³ Well or Well	¹⁴ Commodities Code	¹⁵ Other No.						

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

	¹⁷OPERATOR 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 substantial mineral interest in the land including the proposed bottom hole location or has a right to drill this well within the lease premises as a successor with an owner of such a interest or working interest, or is a subsidiary, partner, agent or a company having authority to execute on behalf of the operator. <i>Shelly Doescher</i> 7/10/2018 Signature Date shelly doescher Printed Name shelly.doescher@yahoo.com E-mail Address
	¹⁸SURVEYOR 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. 5-4-2016 Date of Survey <i>Michael L. Stanford</i> Signature and Seal of Surveyor 10324 Professional Land Surveyor

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ Well Number	² Foot Chute	³ Foot Chute
	19190	Drikard
⁴ Property Code	⁵ Property Name	⁶ Well Number
314022	Encore M State	22
⁷ Well No.	⁸ Operator Name	⁹ Well No.
370080	Brettburn Operating LP	3389

¹⁰Surface Location

Well No.	Section	Township	Range	Lat. N/S	East from Ch.	North/South	East from Ch.	East/West	County
P	20	22 S	37 E		880'	South	780'	East	Lea

¹¹Bottom Hole Location If Different From Surface

Well No.	Section	Township	Range	Lat. N/S	East from Ch.	North/South	East from Ch.	East/West	County
¹² Wellhead Name	¹³ Well or Well	¹⁴ Commodities Code	¹⁵ Other No.						

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	¹⁷OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this information shall cover a working interest or substantial mineral interest in the land including the proposed bottom hole location or has a right to drill this well with bottom hole location pursuant to a contract with an owner of such a contract or working interest, or is a preliminary location agreement or a preliminary location order heretofore entered by the division. <i>Shelly Doescher</i> 7/10/2019 Signature Date shelly doescher Printed Name shelly.doescher@yahoo.com E-mail Address ¹⁸SURVEYOR 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. 5-4-2016 Date of Survey <i>Michael L. Stanford</i> Signature and Seal of Surveyor 10324 Professional Land Surveyor
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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ Well Number	² Foot Chute	³ Foot Chute
	62700	Wantz, Abo
⁴ Property Code	⁵ Property Name	⁶ Well Number
314022	Encore M State	22
⁷ Well No.	⁸ Operator Name	⁹ Well No.
370080	Brettburn Operating LP	3389

¹⁰Surface Location

BL or Lot No.	Section	Township	Range	Lot No.	Feet from Ch.	North/South	Feet from Ch.	East/West	County
P	20	22 S	37 E		880'	South	780'	East	Lea

¹¹Bottom Hole Location If Different From Surface

BL or Lot No.	Section	Township	Range	Lot No.	Feet from Ch.	North/South	Feet from Ch.	East/West	County
¹² Wellhead Name	¹³ Well or Well	¹⁴ Commodities Code	¹⁵ Other No.						

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ENCORE M STATE #22 Elev. 3389' MAG 63 NMI East N = 501136.2' E = 687722.5' Lat. = 35°22'30.57" Long. = -103°10'44.42"	¹⁷OPERATOR 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 substantial mineral interest in the land including the proposed bottom hole location or has a right to drill this well within the lease premises as a successor with an owner of such a interest or working interest, or is a subsidiary or a company or a company of the division. <i>Shelly Doescher</i> 7/10/2019 Signature Date shelly doescher Printed Name shelly.doescher@yahoo.com E-mail Address ¹⁸SURVEYOR 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. 5-4-2016 Date of Survey <i>Michael L. Stanford</i> Signature and Seal of Surveyor 10324 Northside Number
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WELL LOCATION AND ACREAGE DEDICATION PLAT

1 st Section		2 nd Section	3 rd Section
98223		WC-025 G02 S223729G; Glorieta	
4 th Section	5 th Section	6 th Section	7 th Section
314022	Encore M State	22	
8 th Section	9 th Section	10 th Section	11 th Section
370080	Brettburn Operating LP	3389	

10th Surface Location

Sec. or 1/4 Sec.	Section	Township	Range	1st Mer.	Post. from Ctn.	North/South	Post. from Ctn.	East/West	County
P	20	22 S	37 E		880'	South	780'	East	San

11th Bottom Hole Location if Different From Surface

Sec. or 1/4 Sec.	Section	Township	Range	1st Mer.	Post. from Ctn.	North/South	Post. from Ctn.	East/West	County
12 th Section	13 th Section	14 th Section	15 th Section	16 th Section	17 th Section	18 th Section	19 th Section	20 th Section	21 th Section

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

	17th 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 substantial mineral interest in the land including the proposed bottom hole location or has a right to drill this well within the bottom hole location as a surface with an owner of such a surface or working interest, or is a subsidiary of a company or a company of a subsidiary of the company.
	Shelly Doescher 7/10/2018 Signature Date shelly doescher Printed Name shelly.doescher@yahoo.com E-mail Address
	18th 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.

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Santa Fe, NM 87505

Form APD Comments

Permit 254549

PERMIT COMMENTS

Operator Name and Address: BREITBURN OPERATING LP [370080] 600 Travis Street, Suite 4800 Houston, Tx 77002, TX 77002		API Number: 30-025-44965
		Well: ENCORE M STATE #022

Created By	Comment	Comment Date
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 1625 N. French Dr., Hobbs, NM 88240
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Santa Fe, NM 87505

Form APD Conditions

Permit 254549

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: BREITBURN OPERATING LP [370080] 600 Travis Street, Suite 4800 Houston, Tx 77002, TX 77002	API Number: 30-025-44965
	Well: ENCORE M STATE #022

OCD Reviewer	Condition
pkautz	Will require a deviation survey with the C-104
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	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool - 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.