

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 264172

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

1. Operator Name and Address BREITBURN OPERATING LP 1111 Bagby St. Suite 1600 Houston, Tx 77002, TX 77002		2. OGRID Number 370080
4. Property Code 314022		3. API Number 30-025-45691
5. Property Name ENCORE M STATE		6. Well No. 024

7. Surface Location

UL - Lot K	Section 20	Township 22S	Range 37E	Lot Idn K	Feet From 1356	N/S Line S	Feet From 2316	E/W Line W	County Lea
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8. Proposed Bottom Hole Location

UL - Lot K	Section 20	Township 22S	Range 37E	Lot Idn K	Feet From 1356	N/S Line S	Feet From 2316	E/W Line W	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

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3377
16. Multiple Y	17. Proposed Depth 7700	18. Formation Abo Formation	19. Contractor	20. Spud Date 3/16/2019
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	7700	1300	3500

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2500	TBD
Double Ram	1000	5000	TBD

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 Deborah Marberry	Approved By: Paul F Kautz
Title: Sr. Regulatory Analyst	Title: Geologist
Email Address: Deborah.Marberry@breitburn.com	Approved Date: 3/7/2019 Expiration Date: 3/7/2021
Date: 3/4/2019 Phone: 713-452-2883	Conditions of Approval Attached

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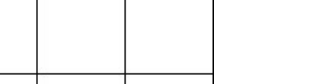
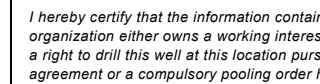
	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) 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.</i></p> <p>E-Signed By: Deborah Marberry</p> <p>Title: Sr. Regulatory Analyst</p> <p>Date: 3/4/2019</p>
	<p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Surveyed By: Michael Stanford</p> <p>Date of Survey: 2/7/2019</p> <p>Certificate Number: 10324</p>

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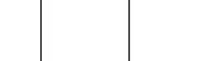
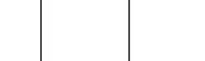
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Form APD Comments

Permit 264172

PERMIT COMMENTS

Operator Name and Address: BREITBURN OPERATING LP [370080] 1111 Bagby St. Suite 1600 Houston, Tx 77002, TX 77002		API Number: 30-025-45691
		Well: ENCORE M STATE #024

Created By	Comment	Comment Date
dmarberry	This well is a NSL. NSL -7835	3/4/2019
dmarberry	We are the only operator in our 40 acres.	3/4/2019

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Form APD Conditions

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PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: BREITBURN OPERATING LP [370080] 1111 Bagby St. Suite 1600 Houston, Tx 77002, TX 77002	API Number: 30-025-45691
	Well: ENCORE M STATE #024

OCD Reviewer	Condition
pkautz	Will require a deviation survey with the C-104 Add
pkautz	Will require a administrative order for non-standard location prior to placing the 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	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
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 5753703186 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.
pkautz	If completed in more than one pool, will require a administrative order for downhole commingling prior to placing the well on production