

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 254558

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 30-025-44966
5. Property Name ENCORE M STATE		6. Well No. 023

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	29	22S	37E	A	660	N	660	E	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	29	22S	37E	A	660	S	660	E	Lea

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 3359
16. Multiple Y	17. Proposed Depth 7600	18. Formation Abo Formation	19. Contractor	20. Spud Date 11/1/2018
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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Left Number	Foot Chalk	Foot Stone
	6660	Blinberry Oil and Gas (Oil)
Property Code	Encore M State	Property Name
314022		
Foot Stone	Brettburn Operating LP	Foot Stone
370080		29
		3369

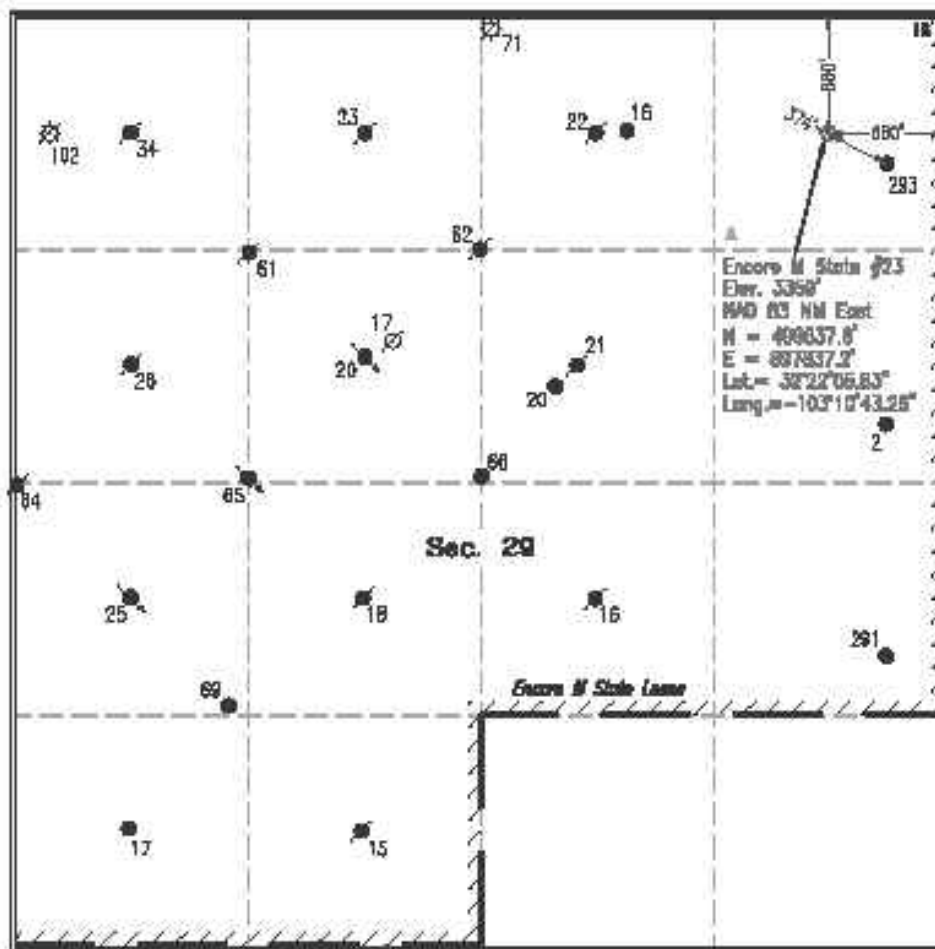
10g Surface Location

BL. or Int. No.	Section	Township	Range	Lot No.	Acres from Cdn.	North/South	East from Cdn.	East/West	County
A	29	22 S	37 E		660'	North	660'	East	Lee

¹¹Bottom Hole Location If Different From Surface

UL or Lat. no.	Section	Traverse	Range	Lat. line	Post from Co.	North/South line	Post from Co.	East/West line	County
Hatched Areas		Hatched or Titled		Hatched Section Code		Order No.			

No allowance will be assigned to this correlation until all interests have been consolidated in a new standard unit has been assigned by the division.



¹⁷OPERATOR CERTIFICATION

Thereby we affirm that the higher wisdom contained herein is true and complete in the best of our knowledge and belief; and that this organization either owns a working mine or a valuable mineral interest in the land including the proposed human hair landfill or has a right to drill shaft and/or install leachate pump-out in a manner with an owner of such a mineral or working interest, or is a voluntary partying agreement or a compulsory partying order heretofore entered in the district.

Shelly Doccher 7/10/2018

Station	Notes
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Shelby Doescher

Printed Name _____

shelby_doescher@yahoo.com

Board Advisor

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.

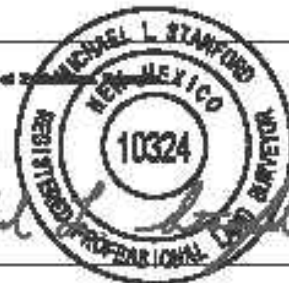
3-4-2016

[illegible]

Wang, L. and Shi, C. 2004. The

10524

Statistische Methoden



4.9 Miles SE of Espe New Mexico.

File No. A-18800 1

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Prod State	Prod Name
	60240	Tubb Oil and Gas (Oil)
Property Code	Encore M State	Property Name
314022		
Well No.	Brettburn Operating LP	Well Name
370080		

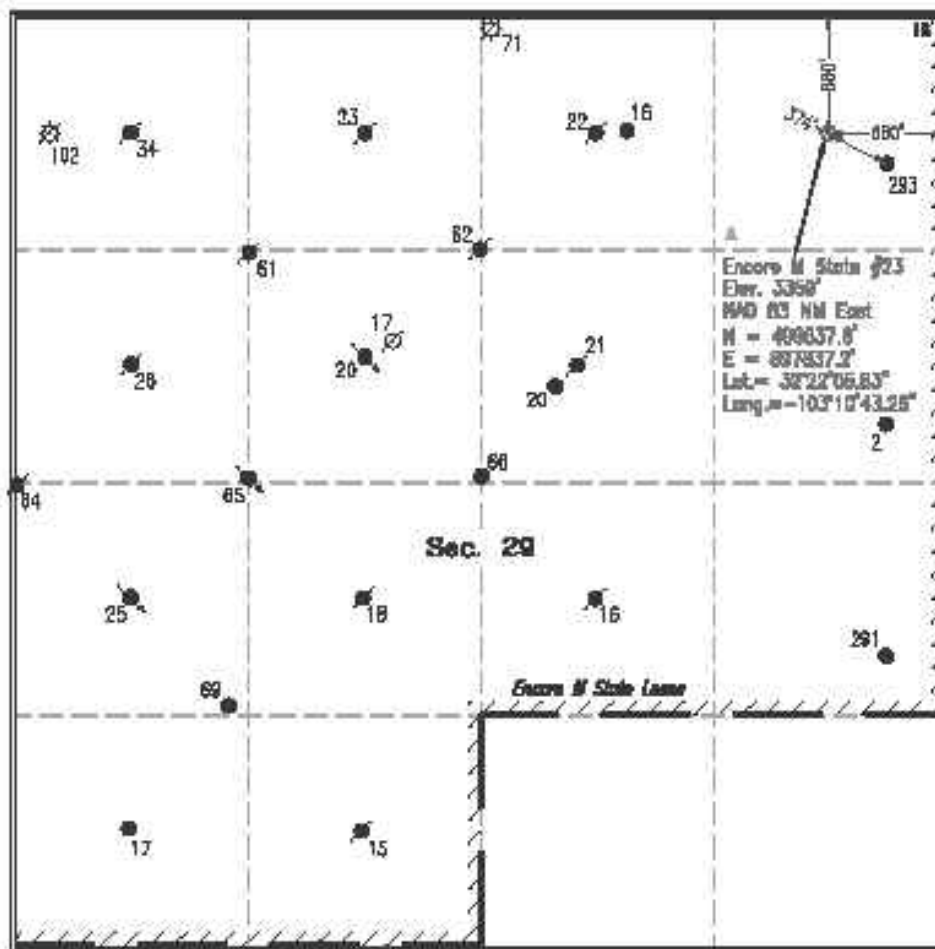
10g Surface Location

BL. or Int. No.	Section	Township	Range	Lot No.	Feet from Ctn.	North/South Face	Feet from Ctn.	East/West Line	County
A	29	22 S	37 E		660'	North	660'	East	Lee

¹¹Bottom Hole Location If Different From Surface

UL or Lat. no.	Section	Traverse	Range	Lat. line	Post from Co.	North/South line	Post from Co.	East/West line	County
Hatched Areas		Hatched or Titled		Hatched Section Code		Hatched No.			

No allowance will be assigned to this correlation until all interests have been consolidated in a new standard unit has been assigned by the division.



¹⁷OPERATOR CERTIFICATION

Thereby we affirm that the higher wisdom contained herein is true and complete in the best of our knowledge and belief; and that this organization either owns a working mine or a national mineral interest in the land including the proposed human hair landfill or has a right to drill site and/or to license persons to an amount with an owner of such a mineral or working interest, or is a voluntary partying agreement or a compulsory partying order heretofore entered by the district.

Shelly Wooscher 7/10/2018

Shelby Doescher

Printed Name _____

shelby_doescher@yahoo.com

Wesley S. Skene

1st SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plan 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.

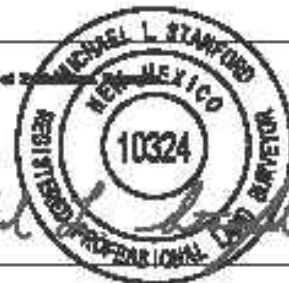
3-4-2016

UNIT

Michigan and West of To

10524

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4.9 Miles SE of Espe New Mexico.

File No. A-18800 1

DISTRICT I
 1220 N. Fourth St., Suite 200, Santa Fe, NM 87501
 Phone (505) 954-6161 Fax (505) 954-6120
 DISTRICT II
 111 S. First St., Suite 200, Santa Fe, NM 87501
 Phone (505) 742-1200 Fax (505) 742-1210
 DISTRICT III
 1220 N. Fourth St., Suite 200, Santa Fe, NM 87501
 Phone (505) 954-6161 Fax (505) 954-6120
 DISTRICT IV
 1220 N. Fourth St., Suite 200, Santa Fe, NM 87501
 Phone (505) 954-6161 Fax (505) 954-6120

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 API Number	² Foot Chute	³ Foot Base
	19190	Drinkard
⁴ Property Code	⁵ Property Name	⁶ Well Number
314022	Encore M State	29
⁷ Well No.	⁸ Operator Name	⁹ Well Status
370080	Brettburn Operating LP	3359

¹⁰Surface Location

Sec. or 1/4 Sec.	Section	Township	Range	1st 1/4	Foot from Ch.	North/South	Foot from Ch.	East/West	County
A	29	22 S	37 E		680'	North	680'	East	Lea

¹¹Bottom Hole Location If Different From Surface

Sec. or 1/4 Sec.	Section	Township	Range	1st 1/4	Foot from Ch.	North/South	Foot from Ch.	East/West	County
¹² Wellhead Area	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 with 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

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.

3-4-2016
 Date of Survey

Michael L. Stanford
 Signature and Seal of Surveyor

10324
 Professional Land Surveyor

DISTRICT I
 1220 N. Fourth St., Toledo, NM 87570
 Phone (505) 353-4141 Fax (505) 353-4120
 DISTRICT II
 111 S. First St., Lordsburg, NM 88530
 Phone (505) 745-1230 Fax (505) 745-3730
 DISTRICT III
 1200 E. Second St., Lordsburg, NM 87549
 Phone (505) 734-4178 Fax (505) 734-4179
 DISTRICT IV
 1220 N. E. Second St., Lordsburg, NM 87570
 Phone (505) 476-0455 Fax (505) 476-0455

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

101 Well Number		62700		Wantz; Abo	
102 Property Code		Encore M State		103 Well Number	
314022				29	
104 Well No.		Brettburn Operating LP		105 Well No.	
370080				3359	

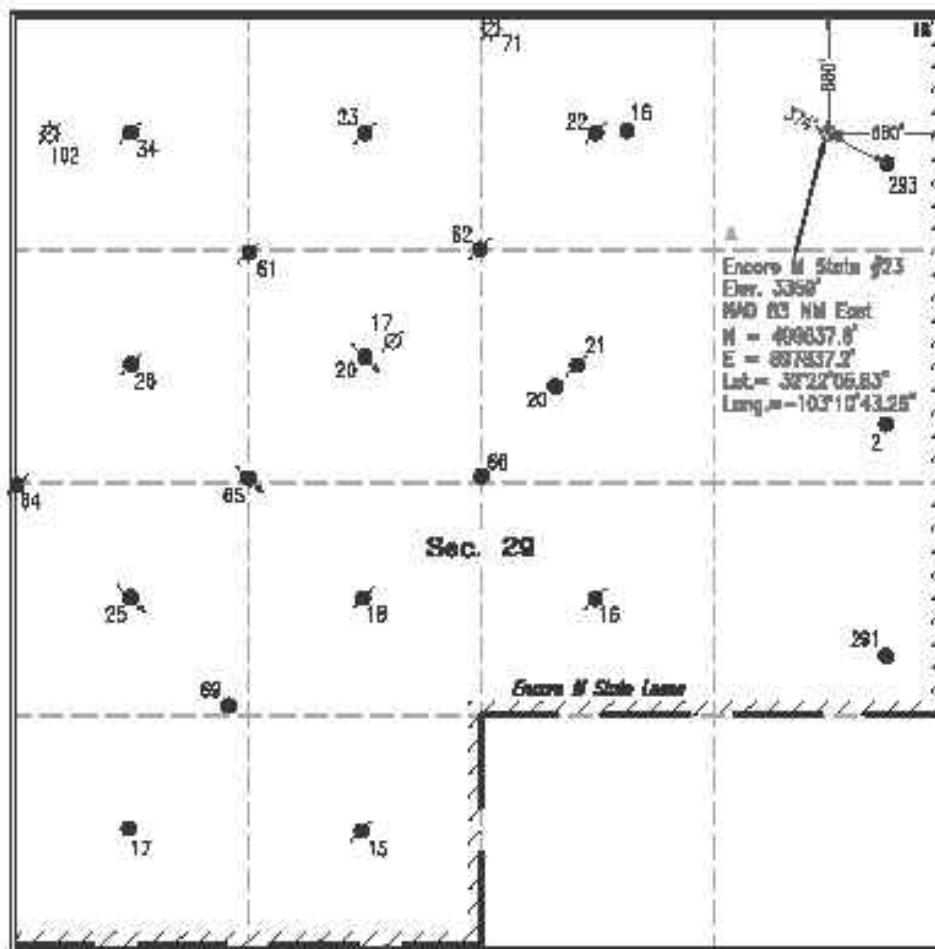
10a Surface Location

101 Well No.	Section	Township	Range	102 Well No.	103 Well No.	North/South Line	104 Well No.	East/West Line	County
A	29	22 S	37 E		680'	North	680'	East	Lea

11 Bottom Hole Location If Different From Surface

101 Well No.	Section	Township	Range	102 Well No.	103 Well No.	North/South Line	104 Well No.	East/West Line	County
105 Well No.		106 Well No.		107 Well No.		108 Well 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.



12 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 with
 bottom hole location pursuant to a contract with an owner of such a mineral or working
 interest, or a preliminary pooling agreement or a preliminary pooling
 order heretofore entered by the division.

Shelly Doescher 7/10/2018
 Signature Date

Shelly Doescher

Printed Name

shelly_doescher@yahoo.com

E-mail Address

13 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
 notes are true and correct to the best of my belief.

3-4-2016

Date of Survey

Signature and Seal of Surveyor

10324

Professional Seal



4.9 Miles SW of Enlace, New Mexico.

File No. A-18880-1

DISTRICT I
 1220 N. Franklin Dr., Suite 100, Santa Fe, NM 87505
 Phone (505) 954-6161 Fax (505) 954-6120
 DISTRICT II
 111 S. First St., Suite 100, Santa Fe, NM 87501
 Phone (505) 743-1200 Fax (505) 743-9730
 DISTRICT III
 1220 N. Franklin Dr., Suite 100, Santa Fe, NM 87505
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State of New Mexico
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 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 st Section		98223		Well Name		WC-025 G 02 S223729;Glorieta	
Property Code		Encore M State		Property Name		Well Number	
314022						29	
Well No.		Brettburn Operating LP		Operator Name		Well Status	
370080						3359	

10th Surface Location

Sec. or 1/4 Sec.	Section	Township	Range	Lat. N/S	Post from Ctn	North/South Line	Post from Ctn	East/West Line	County
A	29	22 S	37 E		680'	North	680'	East	Lea

11th Bottom Hole Location If Different From Surface

Sec. or 1/4 Sec.	Section	Township	Range	Lat. N/S	Post from Ctn	North/South Line	Post from Ctn	East/West Line	County
12 th Wellhead Area		13 th Well or Well		14 th Completion Code		15 th Other Info.			

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 with the bottom hole location as a surface with an owner of such a surface or working interest, or is a subsidiary party agreement or a company party agreement heretofore entered by the division. <u>Shelly Doescher</u> 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. 3-4-2016 Date of Survey Signature and Seal of Surveyor Michael L. Stanford 10324 Registered Professional Land Surveyor
--	--

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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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 APD Comments

Permit 254558

PERMIT COMMENTS

Operator Name and Address: BREITBURN OPERATING LP [370080] 600 Travis Street, Suite 4800 Houston, Tx 77002, TX 77002		API Number: 30-025-44966
		Well: ENCORE M STATE #023

Created By	Comment	Comment Date
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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
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 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 APD Conditions

Permit 254558

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: BREITBURN OPERATING LP [370080] 600 Travis Street, Suite 4800 Houston, Tx 77002, TX 77002	API Number: 30-025-44966
	Well: ENCORE M STATE #023

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.