

DATE 1.20.12 SUSPENSE ENGINEER RE LOGGED IN 1.20.12 TYPE PC APP NO. 1202054764 P16-W

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -  
1220 South St. Francis Drive, Santa Fe, NM 87505



*Mack Energy*

*Brook Fed. #4*

**ADMINISTRATIVE APPLICATION CHECKLIST**

*30-025-40339*

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☒ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

*A-30-175-32E*

*lea*

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Jerry W. Sherrell  
Print or Type Name

*Jerry W. Sherrell*  
Signature

Production Clerk  
Title

1/17/12  
Date

*PC-1240*

jerrys@mec.com  
e-mail Address

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-025-40339</b>	Pool Code <b>49940</b>	Pool Name <b>Pearsall; Abo</b>
Property Code <b>38762</b>	Property Name <b>BROOK FEDERAL</b>	Well Number <b>4</b>
OGRID No. <b>013837</b>	Operator Name <b>MACK ENERGY CORPORATION</b>	Elevation <b>3907'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	17-S	32-E		750	NORTH	1120	EAST	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
A	30	17-S	32-E		990	NORTH	990	EAST	LEA

Dedicated Acres <b>40</b>	Joint or Infill	Consolidation Code	Order No.
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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>N:659813.9 E:663545.9</p> <p>S.L. SEE DETAIL</p> <p>GRID AZ. -151°15'37" HORZ. DIST. -273.1'</p> <p>N:658494.0 E:663553.4</p> <p>B.H.</p> <p>750' 990' 1120' 990'</p> <p>SECTION 30 SECTION 29</p> <p>DETAIL</p> <p>3914.2' 3922.5' 600' 3913.1' 3919.9'</p> <p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=659064.9 N X=663758.0 E</p> <p>LAT.=32.810723° N LONG.=103.800333° W</p> <p>BOTTOM HOLE LOCATION Y=658825.5 N X=663889.3 E</p>	<p>N:659818.9 E:664873.6</p> <p>N:658498.8 E:664880.9</p> <p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jerry W. Sherrell</i> 1-17-2012 Signature Date</p> <p>Jerry W. Sherrell Printed Name</p> <p>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>NOVEMBER 19, 2010</p> <p>Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p>RONALD J. EIDSON 10.11.1634</p> <p>Certificate No. 12641 RONALD J. EIDSON 3239</p>
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DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-025-40339</b>	Pool Code <b>4480</b>	Pool Name <b>Baish; Wolfcamp</b>
Property Code <b>38762</b>	Property Name <b>BROOK FEDERAL</b>	Well Number <b>4</b>
OGRID No. <b>013837</b>	Operator Name <b>MACK ENERGY CORPORATION</b>	Elevation <b>3907'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	17-S	32-E		750	NORTH	1120	EAST	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
A	30	17-S	32-E		990	NORTH	990	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
<b>80</b>			

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>N:659813.9 E:663545.9</p> <p>S.L. SEE DETAIL</p> <p>GRID AZ. -151°15'37" HORZ. DIST. -273.1'</p> <p>N:658494.0 E:663553.4</p> <p>DETAIL</p> <p>3914.2' 3922.5'</p> <p>3913.1' 3919.9'</p> <p>SECTION 30 SECTION 29</p> <p>GEODETTIC COORDINATES NAD 27 NME SURFACE LOCATION Y=659064.9 N X=663758.0 E</p> <p>LAT.=32.810723° N LONG.=103.800333° W</p> <p>BOTTOM HOLE LOCATION Y=658825.5 N X=663889.3 E</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jerry W. Sherrell</i> 1-17-2012 Signature Date</p> <p>Jerry W. Sherrell Printed Name</p> <p>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>NOVEMBER 9, 2010</p> <p>Date Surveyed Signature &amp; Seal of Professional Surveyor RONALD J. EIDSON 10.11.1634 Certificate No. 12641 RONALD J. EIDSON 3339</p>
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## State of New Mexico

Energy, Minerals and Natural Resources Department

AUG 22 2011

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

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For Lease - 3 Copies

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## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

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## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

RECEIVED

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-025-40244</b>	Pool Code <b>44500</b>	Pool Name <b>Maljamar Yeso West</b>
Property Code <b>39262</b>	Property Name <b>BROOK FEDERAL</b>	Well Number <b>1</b>
GRID No. <b>013837</b>	Operator Name <b>MACK ENERGY CORPORATION</b>	Elevation <b>3928'</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	17-S	32-E		635	NORTH	10	EAST	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
A	30	17-S	32-E		330	NORTH	330	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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>N 659813.9 E 663545.9</p> <p>GRID AZ -31°21'31" HORIZ. DIST -442.5'</p> <p>N 658494.0 E 663553.4</p>	<p>N 659818.9 E 664873.6</p> <p>S L SEE DETAIL</p> <p>330'</p> <p>10'</p> <p>330'</p> <p>SECTION 30 SECTION 29</p>	<p>N 658498.8 E 664880.9</p>
<p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=659184.0 N X=664867.1 E</p> <p>LAT.=32.811035° N LONG.=103.796721° W</p> <p>BOTTOM HOLE LOCATION Y=659487.7 N X=664545.5 E</p>	<p>DETAIL</p> <p>3932.1' 3937.7'</p> <p>600'</p> <p>3926.2' 3929.7'</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jerry W. Sherrell</i> 5/27/2011 Signature Date</p> <p>Jerry W. Sherrell Printed Name</p>
<p><b>SURVEYOR CERTIFICATION</b></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>NOVEMBER 12 2010</p> <p>Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p>3239</p> <p><i>Ronald J. Eidson</i> 11/20/2010</p> <p>Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239</p>		

SCANNED

SCANNED AUG 24 2011



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

January 18, 2012

Bureau of Land Management  
620 E. Greene Street  
Carlsbad, New Mexico 88220-6292

RE: Brook Federal Lease

Dear Sirs:

Mack Energy Corporation has submitted application to the NMOCD for approval to Surface Commingling. We intend to commingle production from the Maljamar; Yeso, Pearsall; Abo and Baish; Wolfcamp. The Brook lease NMLC-060199B, Sec. 30 T17S R32E, containing 80 acres. Tank Battery is located in the NE/4NE/4. The Brook Federal #1 currently produces the Yeso and we have submitted paperwork to Drill the Brook Federal #4 to the Abo/Wolfcamp formation to test.

If you have any questions or need additional information please don't hesitate to call. Your prompt attention to this matter is greatly appreciated.

Sincerely,  
**Mack Energy Corporation**

Jerry W. Sherrell  
Production Clerk

JWS/

---

# MEMO

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DATE: January 16, 2012

TO: Bureau of Land Management  
NMOCD

FROM: Travis K. Lanning

RE: BROOK FEDERAL #1 & 4  
LC-060199-B  
T17S, R32E  
Section 30: E/2NE/4,  
Lea County, New Mexico

RECEIVED OGD  
2012 JAN 19 P 12:30

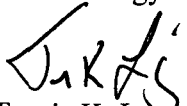
Mack Energy Corporation respectfully requests approval to surface commingle production in our Brook Federal Lease (LC-060199-B). The Brook Federal #1 produces from the Yeso Formation and the Brook Federal # 4 will produce from the Wolfcamp or Abo Formation. Production would be commingled at the Brook Federal #1 tank battery.

OK

Both wells will have identical working and revenue interests in the zones being commingled.

Please do not hesitate to contact me should you require any further information.

Sincerely,  
Mack Energy Corporation

  
Travis K. Lanning  
Land Manager