

District I
1625 N. French Dr., Hobbs, NM 88240.
District II
811 S. First St., 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 & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address Mack Energy Coporation P.O. Box 960 Artesia, NM 88210		2 OGRID Number 013837
4 API Number 30-025-40338		3 Reason for Filing Code/ Effective Date PB - 7/24/2015
5 Pool Name Yeso	6 Pool Code 44500	
7 Property Code 38762	8 Property Name Brook Federal	9 Well Number 3

HOBBS CO
SEP 08 2015

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II. ¹⁰Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	30	17S	32E		785	North	10	East	Lea, County

11. Bottom Hole 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	17S	32E		983	North	363	East	Lea, County
12 Lse Code	13 Producing Method Code	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				
F	P	8/28/2015							

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 O/G/W
278421	Holly Marketing & Refining Co LLC P.O. Box 1600 Artesia, NM 88211-1600	O
036788	DCP Midstream 4001 Penbrook Odessa, TX 79762	G

IV. Well Completion Data

21 Spud Date	22 Ready Date	23 TD	24 PBDT	25 Perforations	26 DHC, MC
7/16/2015	8/19/2015	10,242'	7,392'	6747.5-7104'	
27 Hole Size	28 Casing & Tubing Size	29 Depth Set	30 Sacks Cement		
17 1/2"	13 3/8" H-40	740'	650sx		
12 1/4"	8 5/8" J-55	2,124'	1160sx		
7 7/8"	5 1/2" P-110	10,242'	1750sx		
	2 7/8" J-55 (Tubing)	7,112'			

V. Well Test Data

31 Date New Oil	32 Gas Delivery Date	33 Test Date	34 Test Length	35 Tbg. Pressure	36 Csg. Pressure
8/28/2015	8/28/2015	8/30/2015	24 hours		
37 Choke Size	38 Oil	39 Water	40 Gas	41 Test Method	
76	986	89		Pumping	

42 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Deana Weaver*
Printed name: Deana Weaver
Title: Production Clerk
E-mail Address: dweaver@mec.com
Date: 9.1.15 Phone: (575) 748-1288

OIL CONSERVATION DIVISION
Approved by: *[Signature]*
Title: Petroleum Engineer
Approval Date: 09/14/15

ReComp _____ Add New Well _____
Cancl Well _____ Create Pool _____
E-PERMITTING -- New Well _____
Comp *TA* P&A _____ TA _____
CSNG _____ Loc Chng _____
ReComp _____ Add New Well _____

SEP 15 2015

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side. *HOBBS DEP*

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **MACK ENERGY CORPORATION** Contact: **ROBERT CHASE**
E-Mail: **JERRYS@MEC.COM**

3a. Address **P.O. BOX 960 ARTESIA, NM 88210**

3b. Phone No. (include area code)
Ph: **575-748-1288**
Fx: **575-746-9539**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 30 T17S R32E NENE 785FNL 10FEL

5. Lease Serial No.
NMLC060199B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
BROOK FEDERAL 3

9. API Well No.
30-025-40338

10. Field and Pool, or Exploratory
YES 98039

11. County or Parish, and State
LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

7/27/15 - 8/3/15 PERFORATED 6747.5-7104' w/ 23 HOLES. SET RBP @ 7182' W/ 223JTS. ACIDIZED W/ 43 BBLs 15% ACID. FRAC PERFS W/ 12,016 BBLs FLUID, 287,920# SAND.

8/7/15 RETRIEVE RBP. RIH W/ 218JTS 2 7/8" J-55, 6.5# TUBING, SN @ 7112', 2 1/2 X 2 X 20' PUMP.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #315172 verified by the BLM Well Information System For MACK ENERGY CORPORATION, sent to the Hobbs

Name (Printed/Typed) **DEANA WEAVER** Title **PRODUCTION CLERK**

Signature (Electronic Submission) Date **09/01/2015**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****
ZTP WC-025 G-06 5173230A; WULP/AMM 7/27/15

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC060199B

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No. _____

2. Name of Operator **MACK ENERGY CORPORATION** Contact: **ROBERT CHASE**
 E-Mail: **JERRYS@MEC.COM**

8. Lease Name and Well No.
BROOK FEDERAL 3

3. Address **P.O. BOX 960**
ARTESIA, NM 88210

3a. Phone No. (include area code)
 Ph: **575-748-1288**

9. API Well No.
30-025-40338

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **NENE 785FNL 10FEL**
 At top prod interval reported below **NENE 970FNL 371FEL**
 At total depth **NENE 983FNL 363FEL**

10. Field and Pool, or Exploratory
YESO

11. Sec., T., R., M., or Block and Survey
 or Area **Sec 30 T17S R32E Mer**

12. County or Parish
LEA

13. State
NM

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14. Date Spudded
07/16/2015

15. Date T.D. Reached
07/24/2015

16. Date Completed
 D & A Ready to Prod.
08/19/2015

17. Elevations (DF, KB, RT, GL)*
3927 GL

18. Total Depth: MD **10242** TVD **10199**

19. Plug Back T.D.: MD **7392** TVD **7112**

20. Depth Bridge Plug Set: MD **9450** TVD _____

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) _____

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	740		650		0	
12.500	8.625 J-55	24.0	0	2124		1160		0	
7.875	5.500 P-110	17.0	0	10242		1750		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	7112							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6747	7104	6747 TO 7104	0.420	23	OPEN
B)			9501 TO 9542	0.420	80	CIBP @ 9450
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
6747 TO 7104	43BBLS 15% ACID, 287,920# SAND, 12,016BBLS FLUID

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/28/2015	08/30/2015	24	→	76.0	106.0	986.0	37.8	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	76	106	986	1394	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #315175 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
QUEEN	3031	3041	SAND OIL/GAS/WATER	RUSTLER	671
GRAYBURG	3715	3730	SAND OIL/GAS/WATER	TOP SALT	784
GRAYBURG	3754	3761	SAND OIL/GAS/WATER	BOTTOM SALT	1945
SAN ANDRES	3844	3850	DOLOMITE OIL/GAS/WATER	YATES	2010
SAND ANDRES	3980	4011	DOLOMITE OIL/GAS/WATER	SEVENRIVERS	2395
PADDOCK	5394	5466	DOLOMITE OIL/GAS/WATER	QUEEN	3008
BLINEBRY	6747	7104	DOLOMITE OIL/GAS/WATER	GRAYBURG	3397
				SAN ANDRES	3799

32. Additional remarks (include plugging procedure):

7/27-8/3/15 Perforated 6747.5-7104' w/ 23 holes. Set RBP @ 7182' w/ 223jts. Acidized w/ 43 bbls 15% Acid. Frac perms w/ 12,016bbls Fluid, 287,920# Sand.

8/7/15 Retrieved RBP. RIH w/ 218jts 2 7/8" J-55 6.5# tbg, sn @ 7112', 2 1/2 x 2x 20' pump.

FORMATION (LOG) MARKERS CONT:
GLORIETA - 5344

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #315175 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Hobbs**

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature _____ (Electronic Submission) Date 09/01/2015

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ****

Additional data for transaction #315175 that would not fit on the form

32. Additional remarks, continued

PADDOCK- 5394
BLINEBRY- 5864
ABO- 7472
WOLFCAMP- 9280

11

Exhibit #1

<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 undisclosed 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 pooling interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Jerry W. Sherrell</i> Date: _____</p> <p>Printed Name: <u>Jerry W. Sherrell</u></p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of recent 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 Surveyed: <u>NOVEMBER 17 2010</u></p> <p>Signature & Seal of Professional Surveyor: <i>[Signature]</i> D. J. EDISON Professional Surveyor 10.11.1634 12641</p> <p>Certificate No. EIDSON 3239</p>	<p style="text-align: center;">SECTION 30 SECTION 29</p> <p style="text-align: center;">DETAIL</p>	<p>GEODETIC COORDINATES</p> <p>NAD 27 NME SURFACE LOCATION Y=659034.1 N X=664867.9 E</p> <p>BOTTOM HOLE LOCATION</p> <p>Y=658827.9 N X=664549.1 E</p> <p>LAT.=32.810623° N LONG.=103.796721° W</p>
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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

UT 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	983	785	NORTH	363	EAST	LEA
Bottom Hole Location If Different From Surface									
A	30	17-S	32-E	785	10	NORTH	10	EAST	LEA

Property Code	38762	Property Name	BROOK FEDERAL	Operator Name	MAK ENERGY CORPORATION	Elevation	3927
AP# Number	30-025-40338	Pool Code	44500	Pool Name	Maljamar Yeso	Well Number	3

WELL LOCATION AND ACREAGE DEDICATION PLAT AMENDED REPORT

State of New Mexico
Energy, Minerals and Natural Resources Department

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

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240
DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 82110
DISTRICT III 1000 Rio Brazos Rd, Aztec, NM 87410
DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

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SEP 08 2015
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

Form C-102
Revised October 12, 2005