

pMAM1432159800

DEC 18 2014

Order Number DAC HOB-532		API Number 30-025-41500		Operator Mack Energy Corp.		County Lea/St.	
Order Date 12/8/2014		Well Name State BD 30		Number #3		Location	
						I UL	36 Sec
						22s T (+Dir)	37e R (+Dir)
Pool 1	06660	Blinbry O & G <0.1>		Oil % 13%	Gas % 13%	Wtr % 13% 87%	
Pool 2	7900	Brunson Drinkard Abo South		87%	87%		
Pool 3							
Pool 4							
Comments: Posted to RBDMS 12/15/2014 dn							

POSTED BY & WHEN dn 12/15/2014

ORDER NUMBER API NUMBER OPERATOR COUNTY/LEASE

D4C-HOB-532 30-025-41500 Mack Energy Corp Lea/St

ORDER DATE WELL NAME WELL # UL SEC T(+Dir) R(+Dir)

12/8/2014 State BD 36 #3 I 36 22s 37e

OIL % GAS% WTR%

POOL 1 06660 Blinebry 13% 13% 50%

POOL 2 7900 Brunson Drinkard Abo S 87% 87% 50%

POOL 3 _____

POOL 4 _____

DOWNHOLE COMMINGLE CALCULATIONS:

SECTION I

ALLOWABLE AMOUNTS

POOL 1 Blinebry O&G <Oil> 107 428 MCF

POOL 2 Brunson Drinkard Abo, South 142 852 MCF

POOL 3 _____ MCF

POOL 4 _____ MCF

POOL TOTALS 249 1280

SECTION II:

OIL

GAS

POOL 1 Blinebry O&G <OIL> 13% 13%

POOL 2 Brunson Drinkard Abo South 87% x 249 = 216.63 87%

POOL 3 _____

POOL 4 _____

SECTION III: OIL 87% ÷ 142 = 163.22 <163> GAS _____

SECTION IV: 13% x 163 = 21.19 <21> _____

87% x 163 = 141.81 <142> _____

HOBBS OCD

Submit 1 Copy To Appropriate District Office
 District I- (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II- (575) 748-1288
 1301 W. Grand Ave., Artesia, NM 88210
 District III- (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV- (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

DEC 08 2014

RECEIVED

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-41500
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Mack Energy Corporation		6. State Oil & Gas Lease No. VB-2157
3. Address of Operator P.O. Box 960 Artesia, NM 88210		7. Lease Name or Unit Agreement Name State BD 36
4. Well Location Unit Letter <u>J</u> <u>2250</u> feet from the <u>South</u> line and <u>1590</u> feet from the <u>East</u> line Section <u>36</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</u> County		8. Well Number 3
11. Elevation (Show whether DR, RKB, RT, GR etc.) 3303' GR		9. OGRID Number 013837
		10. Pool Name or Wildcat Blinebry (06660) Brunson; Drinkard-Abo South (7900)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐ DHC- Pre Approved Pools ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- a) 19.15.12.11 E
- b) Blinebry- 06660 & Brunson; Drinkard- Abo South - 7900
- c) Blinebry- 5449-5803' & Brunson; Drinkard-Abo South- 6308-6843'
- d) Subtraction Method based on increased production from the Blinebry formation
- e) Commingling will not decrease the value of production
- f) All formations have identical working and net revenue interests (see attached list)
- g) The State Land Office has been sent a copy of the DHC application (see attached)

Comp. plug @ 6090' will be removed as soon as DHC paperwork is approved.

Percentages Per Zone-

Blinebry (06660) - 2 oil, 21 gas, 282 water, 13%
 Brunson; Dinkard-Abo South (7900)- 15 oil, 139 gas 280 water, 87%

DHC-HOB-532

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Deana Weaver

TITLE Production Clerk

DATE

12.8.14

Type or print name Deana Weaver

E-mail address: dweaver@mec.com

PHONE: 575-748-1288

For State Use Only

APPROVED BY:

[Signature]

TITLE Petroleum Engineer

DATE

12/16/14

Conditions of Approval (if any):

DEC 18 2014



FILED 11-11-2014
Santa Fe, NM 87504-1148
P.O. Box 1148
Santa Fe, NM 87504-1148

November 11, 2014

Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87504-1148

VIA CERTIFIED MAIL 7014 1820 0001 6619 0497
CERTIFIED RETURN RECEIPT MAIL

Dear Sir:

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to Down Hole Commingle production from the Blinbry and Drinkard/Abo in the State BD 36 #3 located in Sec. 36 T22S R37E, 2250 FSL & 1590 FEL, Lea County, New Mexico.

Should you have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the DHC application if no objection has been made within the 20 days after the application has been received.

Sincerely,

Deana Weaver

Deana Weaver
Production Clerk
dweaver@nec.com

DW/

Enclosures

7014 1820 0001 6619 0497

U.S. Postal Service CERTIFIED MAIL RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com	
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City, State	
Zip	

Commissioner of Public Lands
State Land Office
P.O. Box 1148
Santa Fe, NM 87504-1148

NOV 11 2014
Postmark
Santa Fe, NM

7014 1820 0001 6619 0497

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-41500		Pool Code 06660		Pool Name Blinebry			
Property Code 310134		Property Name STATE BD 36				Well Number 3	
OGRID No. 13837		Operator Name MACK ENERGY CORPORATION				Elevation 3303.8	

" Surface Location

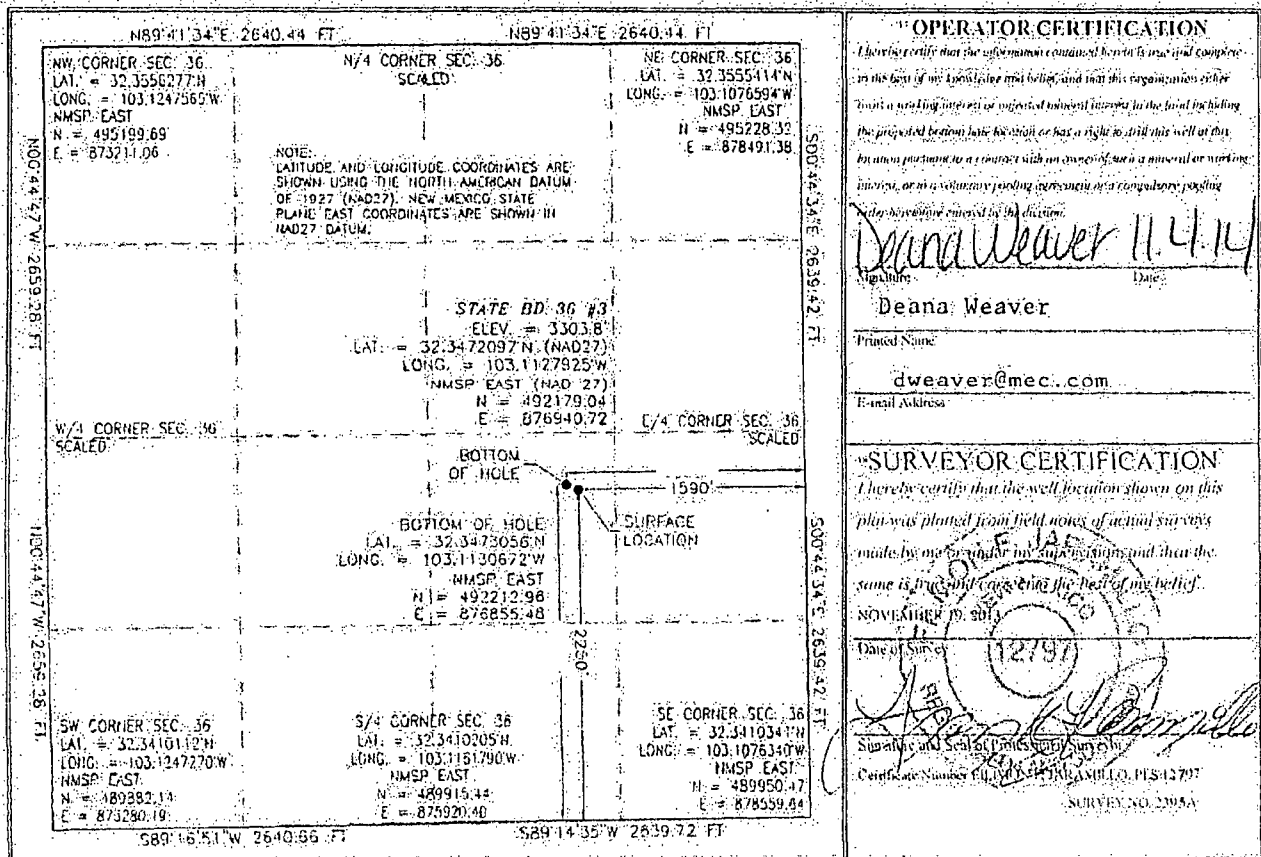
TL or lot no. J	Section 36	Township 22 S	Range 37 E	Lot Idn. 2250	North/South line SOUTH	Feet from the 1590	East/West line EAST	County LEA
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" Bottom Hole Location If Different From Surface

TL or lot no. J	Section 36	Township 22 S	Range 37 E	Lot Idn. 2309	North/South line SOUTH	Feet from the 1657	East/West line EAST	County LEA
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" Dedicated Acres 40	" Joint or Infill	" Consolidation Code	" Order No. DHC-HOB-532
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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.



DEC 18 2014

SEP 30 2014

RECEIVED

Dataset I
162°N, 15°E, 1000 hPa, 1000 hPa, 1000 hPa
1000 hPa, 1000 hPa, 1000 hPa, 1000 hPa
Dataset II
1000 hPa, 1000 hPa, 1000 hPa, 1000 hPa
1000 hPa, 1000 hPa, 1000 hPa, 1000 hPa
Dataset III
1000 hPa, 1000 hPa, 1000 hPa, 1000 hPa
1000 hPa, 1000 hPa, 1000 hPa, 1000 hPa
Dataset IV
1000 hPa, 1000 hPa, 1000 hPa, 1000 hPa
1000 hPa, 1000 hPa, 1000 hPa, 1000 hPa

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

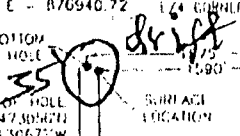
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APL Number 30-025-41500		Paid Code 7900		Paid Name Brunson; Drinkard-Abo, South					
Property Code 310134		Property Name STATE BD 36						Well Number 3	
OGRIID No. 13837		Operator Name MACK ENERGY CORPORATION						Elevation 3303.8	
" Surface Location									
U. I. or lot no.	Section	Township	Range	Lot 101	Feet from the	North/South line	Feet from the	East/West line	County
J	36	22 S	37 E		2250	SOUTH	1590	EAST	LEA
" Bottom Hole Location If Different From Surface									
U. I. or lot no.	Section	Township	Range	Lot 101	Feet from the	North/South line	Feet from the	East/West line	County
J	36	22 S	37 E		2285	SOUTH	1679	EAST	LEA
" Dedicated Acres 40		" Joint or Infill		" Consolidation Code		" Order No. 2309 1657 OHC-HOB-532			

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.

N89°41'34"E 2640.44 FT		H89°41'34"E 2640.44 FT	
NW CORNER SEC. 36 LAT. = 32.3556277°N LONG. = 103.1247560°W NMSP EAST N = 495199.69 E = 873211.06	S/4 CORNER SEC. 36 SCALED	NE CORNER SEC. 36 LAT. = 32.3554144°N LONG. = 103.1076594°W NMSP EAST N = 495278.32 E = 878491.38	
NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27). NEW MEXICO STATE PLANE EAST COORDINATES ARE SHOWN IN NAD27 DATUM.			
STATE BD 36 #3 ELEV. = 3303.8' LAT. = 32.3472097°N (NAD27) LONG. = 103.1127325°W NMSP EAST (NAD 27) N = 492179.04 E = 876940.72			
W/4 CORNER SEC. 36 SCALED	BOTTOM OF HOLE  SURFACE LOCATION		E/4 CORNER SEC. 36 SCALED
BOTTOM OF HOLE LAT. = 32.3473066°N LONG. = 103.1130672°W NMSP EAST N = 492252.86 E = 876955.48			
SW CORNER SEC. 36 LAT. = 32.3410119°N LONG. = 103.1247720°W NMSP EAST N = 493082.14 E = 878062.11	S/4 CORNER SEC. 36 LAT. = 32.3410205°N LONG. = 103.1161790°W NMSP EAST N = 493935.44 E = 878320.40	SE CORNER SEC. 36 LAT. = 32.3416344°N LONG. = 103.1076110°W NMSP EAST N = 493950.47 E = 878359.64	

N89°41'34"W 2640.46 FT S89°41'35"W 2639.72 FT