OCD-ARTESIA

Form 3160 -3 (April 2004)

UNITED STATES Split Estate DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED ARTES Byptes March 31, 200	17
5. Lease Serial No	
NIMINIM 117550	İ

6 If Indian, Allotee or Tribe Name

ATTEIOATION TORT ERMIT TO E	Sitile Oit	······································			l		
Ia. Typeofwork- DRILL Plugbac REENT	ER			7 If Unit or CA Agree	ement, Nam	e and No	
lb Type of Well. Oil Well Gas Well Other	Sin	gle ZoneMultip	ole Zone	8, Lease Name and W Candy Cane Stat		\ 3	818
2. Name of Operator	/			9 API Well No.		11/	_
Mack Energy Corporation	< 13	837>		30-015-35363	35	365	
3a Address	3b. PhoneNo	(include arestcode)		10 Field and Pool, or	Exploratory		
P.O. Box 960 Artesia, NM 88211-0960	(575)748-1	1288		Crow Flats; Wol	fcamp	971	02
4. Location of Well (Report location clearly and inaccorounce with any	State requireme	ny ^*)		II Sec, T. R. M. or B	lk and Surv	ey or Area	
4. Location of Well (Report location clearly and inaccorounce with any At surface 662 FNL & 660 FWL	-						
At proposed prod zone 965 FNL & 1202 FWL	330/E	- Unit A		Sec. 15 T16S R2			
4 Distance in miles and direction from nearest town or post office*		•		12 County or Parish	ł	13 State	
10 miles north/northeast of Loco Hills, NM	т	· · · · · · · · · · · · · · · · · · ·		Chaves Eddy		ļМ	
15 Distance from proposed* location to nearest property or lease line, ft	16. No. of ac	res in lease	17 Spacii	ng Unit dedicated to this v	vell		
(Also to nearest drlg unit line, if any) 330	160		160				
8 Distance from proposed location* to nearest well, drilling, completed,	19 Proposed MD 10,67		20 BLM/	BIA Bond No on file			
applied for, on this lease, ft 1320	TVD 6590)'	NMB0	00286			
1 Elevations (Show whether DF, KDB, RT, GL, etc.)	22 Approxima	ate date work will sta	rt*	2 3 Estimated duratio	n		
3588' GR	4/26/2010			35 days			
	24. Attac	hments					
he following, completed in accordance with the requirements of Onshor	re Oil and Gas C	order No. 1, shall be a	ttached to th	his form.			
Well plat certified by a registered surveyor A Drilling Plan		4. Bond to cover the Item 20 above),	e operation	ns unless covered by an	existing bo	nd on file	(see
A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office)	Lands, the	5 Operator certific 6 Such other site s authorized office	pecific info	ormation and/or plans as	may be req	uired by t	he
25 Signature / 1 SI	t .	(Printed'/Typed)		•	Date		===
Jeny W. Shevel	Jerry	W. Sherrell			3/29/10	<u> </u>	
utle / V Production Clerk							
Approved by (Signature) /s/ Don Peterson	Name	(Printedl/Typed) /s/ [on Pe	terson	Date M	4Y 2	 0 201 1
FIFID MANAGER	Office	CARLS	BAD	FIELD OFF	ICF		
Application approval does not warrantor certify that the applicant hold	s lega orequitab	ele title to those rights	in the sub	ject lease which would en	ititle the ap	plicant to	

Conditions of approval, if any, are attached

APPROVAL FOR TWO YEARS

Title 18 U.S.C. Section 1001 and Tide 43 U.S.C. Section 1212, make it a crime for any person knownrilly 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 juris iction

*(Instructions on page 2)

Rasyoll Controlled Water Basin

SEE ATTACHED FOR CONDITIONS OF APPROVAL

> GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS **ATTACHED**

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

State of New Mexico Energy, Minerals and Natural Resources Department

MAR 1 1 2010

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies

Fee Lease - 3 Copies

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

DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410

OIL CONSERVATION DIVISION 1662 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

DISTRICT IV 1662 S. ST. FRANCIS DR., SANTA FE, NM 87505

Joint of Infill

Dedicated Acres

160

Consolidation Code

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

1002 3. 31. PRAINCIS DR., SAUTA PE, INN 0.	1303		C TEILDING TOST OTCI
API Number	Pool Code	Pool Name	
30-015-3536	97102	Crow Flats:Wolfcamp	,
Property Code	Pro	Well Number	
38184	CANDY CA	NE STATE COM	1
OGRID No.	•	erator Name	Elevation
013837	MACK ENERC	GY CORPORATION	3588'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	West line	County
D	15	16-S	28-E		662	NORTH	660		WEST	EDDY
			·'i	#1 Bottom	Hole Location If D	ifferent From Surface				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	West line	County
D	15	16-S	28-E		965	NORTH	1202		WEST	EDDY
			i	#2 Bottom	Hole Location If D	ifferent From Surface	·	'		·····
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	West line	County
Α	15	16-S	28-E		965	NORTH	330		EAST	EDDY

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

Order No.

The state of the s	
GRID AZ.=117'16'09" HORIZ. DIST.=610.5' GRID AZ.=87'32'02" HORIZ. DIST.=3710.1' #2 B H.	tro be www. age en
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION	(S)
Y=701515.8 N X=550205.5 E LAT = 32.928436° N LONG.=104.169707° W #1 BOTTOM HOLE LOCATION	th su th bc
#2 BOTTOM HOLE LOCATION Y=701395 7 N X=554453.6 E	
	C

OPERATOR CERTIFICATION

I hereby certify that the information herein is e and complete to the best of my knowledge and lief, and that this organization either owns a orking interest or unleased mineral interest in the nd including the proposed bottom hole location or s a right to drill this well at this location pursuant a contract with an owner of such mineral or orking interest, or to a voluntary pooling reement or a compulsory pooling order heretofore tered by the division.

3/29/10

DSS

erry W. Sherrell

rinted Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on is plat was plotted from field notes of actual urveys made by me or under my supervision, and at the same is true and correct to the best of my lief.

FEBRUARY 125 II. 2010 ate Surveyed ignature & Seal of rofessional Surveyor

Certificate No. GARY & EIDSON 12641 RONALD I. EIDSON 3239

Form 3160 -3 (April 2004)

Spi

UNITED STATES DEPARTMENT OF THE INTER BUREAU OF LAND MANAGE. APPLICATION FOR PERMIT TO DRIL	5 Lease Serial No NMNM-117550 6. If Indian, Allotee	or Tribe Name	
Ia Typeofwork- DRILL REENTER		7 If Unit or CA Agre	ement, Name and No
lb Type of Well: Oil Well Gas Well Other	Single Zone Multip	8, Lease Name and V Candy Cane Stat	
2. Name of Operator	1200	9. API Well No.	
Mack Energy Corporation	13837>	30-015-, 353	
	honeNo (include are deode)	10 Field and Pool, or	
P.O. Box 960 Artesia, NM 88211-0960 (575	5)748-1288	Crow Flats; Wol	
4 Location of Well (Report location clearly and maccorounce with any State of At surface 662 FNL & 660 FWL		II Sec, T R. M or B	lk and Survey or Area
At proposed prod zone 965 FNL & 1202 FWL 3	30/E Unit A	Sec. 15 T16S R2	.8E
14 Distance in miles and direction from nearest town or post office*		12. County or Parish	13. State
10 miles north/northeast of Loco Hills, NM		Chaves Eddy	NM NM
15 Distance from proposed* location to nearest property or lease line, ft (Also to nearest drlg unit line, if any) 330	No. of acres in lease	17 Spacing Unit dedicated to this	well
18. Distance from proposed location* 19 to nearest well, drilling, completed, MD	Proposed Depth 0 10,676'	20. BLM/BIA Bond No on file NMB000286	
	Approximate date work will star 6/2010	t* 2 3 Estimated duration 35 days	п
24	. Attachments		
The following, completed in accordance with the requirements of Onshore Oil a	and Gas Order No 1, shall be at	tached to this form:	
1 Well plat certified by a registered surveyor 2 A Drilling Plan	Item 20 above),	e operations unless covered by an	existing bond on file (see
3 A Surface Use Plan (if the location is on National Forest System Lands SUPO shall be filed with the appropriate Forest Service Office)		pecific information and/or plans as	may be required by the
25. Signature Very W. Shevell	Name (Prinied'/Typed) Jerry W. Sherrell		Date 3/29/10
Title Production Clerk			
Approved by (Signature) /s/ Don Peterson	Name (Printedl/Typed) /s/ D	on Peterson	Date MAY 2 0 2010
FIELD MANAGER	Office CARLS	BAD FIELD OFF	
Application approval does not warrantor certify that the applicant holds lega conduct operations thereon Conditions of approval, if any, are attached	brequitable title to those rights	in the subject lease which would e	

Title 18 U.S.C. Section 1001 and Tide 43 U.S.C. Section 1212, make it a crime for any person knowledly 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 juris iction

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DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410

OIL CONSERVATION DIVISION

1662 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT 1662 S. ST. FRANCIS DR., SANTA FE, NM 87505

☐ AMENDED REPORT

API Number	Pool Code	Pool Name		
API Number 37905	97102	Crow Flats:Wolfcamp		
Property Code	Proper	rty Name	Well Number	
38189	CANDY CAN	1		
OGRID No.	Operator Name			
013837	MACK ENERGY	CORPORATION	3588'	

Surface Location

	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	D	15	16-S	28-E		662	NORTH	660	WEST	EDDY
٠	M. D VI. I. V TADIM D O									

#1 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
D	15	16-S	28-E		965	NORTH	1202	WEST	EDDY
			1	#2 Bottom	Hole Location If D	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
Α	15	16-S	28-E		965	NORTH	330	EAST	EDDY
Dedicated Acres	Joint or I	nfill Cor	nsolidation Code	,	Order No.			1	

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

1202' #1 B.H.	AZ.=117°16'09" IZ. DIST.=610.5' / GRID AZ.=87°32'02" HORIZ. DIST.=3710 1'	#2 8	OI I he true as belief, working land in has a set to a co-working agreementered.
	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=701515.8 N X=550205.5 E LAT.=32.928436* N LONG.=104.169707* W #1 BOTTOM HOLE LOCATION Y=701236.2 N X=550747.8 E		Jen Prin St I h this pi survey that the belief
	#2 BOTTOM HOLE LOCATION Y=701395.7 N X=554453.6 E		Date Sign Prof

PERATOR CERTIFICATION

ereby certify that the information herein is nd complete to the best of my knowledge and and that this organization either owns a ng interest or unleased mineral interest in the cluding the proposed bottom hole location or ight to drill this well at this location pursuant ontract with an owner of such mineral or ng interest, or to a voluntary pooling nent or a compulsory pooling order heretofore d by the division.

3/29/10

ry W. Sherrell

ted Name

JRVEYOR CERTIFICATION

ereby certify that the well location shown on lat was plotted from field notes of actual s made by me or under my supervision, and ne same is true and correct to the best of my

FEBRUARY 12511, 2010

FEBRUARY ZWILL attire & Seal of ssional Surveyor

DSS

-10.11.0272

ificate No GARY O EIDSON 12641 RONALD I EIDSON 3239 12641