Distnet I 1625 N. French Dr., Hobbs, NM 88240 Dstrict 11

1301 W. Grand Avenue, Artesia, NM 88210

District III I 000 Rio Brazos Road, Aziec, NM 87410

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

May 27,2004 Submit to appropriate District Office

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

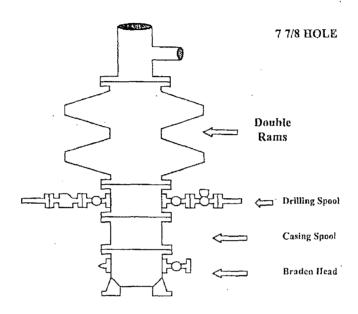
☐ AMENDED REPORT

Form-C-101

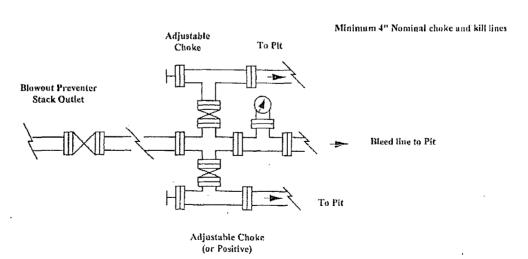
APPI	LICATI	ON FO	OR PERMIT	TO DI	RILL, RE-E	ENTER,	DEEPEN	. PLUGBAC	CK. OR	ADD A	A ZONE	
			Operator Nam							OGRID Number 013837		
		P.O:	Mack Energ Box 960 Arte			30- 015-22723 API Number						
Property Code Property							Name Well No.					
Proposed Pool 1							State Proposed Pool 2					
WILDLAT; YESO Paddock 9786								· · ·				
UL or lot no.	1 6	m 1		T	7 Surface		north/South line		East(West	lina T		
G G	Section 32	Township 23S	Range 23E	Lot	Idn Feet fro		North	Feet from the 1977	East		County Eddy	
		235		nsed Rotte	om Hole Locat		L		Lust		Dady	
UL or lot no.	Section	Township		Lot			orth/South line	Feet from the	EastfWest	line ·	County	
				Λ.	lditional We	ll Inform	nation					
11 Work	Type Code		12 Well Type Co			/Rotary		Lease Type Code	- j -	15 Ground I	evel Elevation	
	E		O			tary		S			332	
1	lultiple No	1.	"Proposed Dep 3000'	oth .	1	nation dock		9 Contractor .		2 Spud Date 9/15/2013		
Depth to Grou			3000	Distance	e from nearest fres		L	Distance from	nearest sur.			
Pit Liner:	Synthetic		mils thick Clay	Pit Vol	ume;bbls	, I	Ordling Method		•			
	d-Loop Syst				-	Fresh Water Brine Diesel/Oil-based Gas/Air						
			2	¹ Propos	sed Casing a					,		
Hole S	Size	. (asing Size	Casing	g weight/foot	Setting Depth Sac		Sacks of Ce	Sacks of Cement		Estimated TOC	
17 1/2		13 3/8	·			440		340sx		Surface-		
12 1/4		8 5/8		24, 28		2750		1450sx		Surface-In place		
			·	.*	·	ļ	<u>-</u>	<u> </u>			<u>:</u>	
									-	···		
2 Describe the	nronosed r	rogram. I	this application is	to DEÉPE	N or PLUG BACE	yive the da	ata on the prese	nt productive zone	and proposi	ed new pre	nductive zone	
			ogram, if any. Use						and proposi	ed new pro-		
Mack Enero	v cornor	ation nro	noses to Re-ei	nter the C	hin State #1	to a denth	of 2750' To	est casing and	complete	the Pade	dock formation.	
Put well on p			,00000 10 110 01	nor the c	mp state #1	·	.01 2730 . 1	ost casing and	complete	tire i ac.	·	
		•						REC	EIV		7	
									CEIV			
								OCT	29 20	13		
				NMOCD ARTESIA								
1 hereby cer	1 hereby certify that the information given above is true and complete to the best						-		- 42 2 9 5			
oftny knowledge and belief I further certify that the drilling pit will be						OIL CONSERVATION DIVISION						
constructed according to NMOCD guidelines 🖾 a general permit 🗀, or an (attached) alternative OCD-approyed plan. 🔲						Approved l	nv: /: /	7 01	1			
Signature	_	4 W.	Sherol	7		Approved	" ~ <i>[</i> [: Manas	Ų.		*	
Printed name:	7 7	<i>f</i>	Jerry W. She	rrell		Title: "Geologist"					/ /	
Title:		P	roduction Cler			Approval [Date: 10/29	~ /2AP	xpiration Da	//\/	29/2015	
E-mail Addres	SS:		jerrys@med	.com			1					
Date:	10/28/	13	Phone:	(575)74	48-1288	Conditions	of Approval Att	ached				

Mack Energy Corporation

Exhibit #1-A
BOPE Schematic



Choke Manifold Requirement (3000 psi WP) No Annular Required





District 1 1625 N. French Dr., Hohbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District 11

8411 S, First St., Artesin, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410

Phone: (505) 334-6178 Pax; (505) 334-6170 <u>District.IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Pax; (505) 476-3462 State of New Mexico

Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

☐ AMENDED	REPORT
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¹ API Number 30-015-22723			9	97867 WILDCAT: YOSO Paddock Property Name Well Number						
* broperty Code 40114			11:4 - (6	⁶ Well Number 1					
⁷ OGRID No.						* Elevation				
13837			MACK ENERGY CORPORATION							
					" Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
G	32	23 S	23 E		1910	NORTH	1977	EAST EDDY		
" 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	
12 Dedicated Acres	s ¹³ Joint o	r Infill 14 C	onsolidation	Code 15 Or	der No.		<u> </u>			
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.

		COC! +0'05"F	0010.00 CT		" OPERATOR CERTIFICATION
. Cave	i N/4 000N	S89'49'25"E	2640.98 FT	3	Thereby certify that the information contained herein is true and complete
DNF		ER SEC. 32 ::2674488'N	NE CORNER SEC. 32 LAT. = 32.2674455'N	1	l ' ' '
		04.6218902'W	LAI. = 32.2674435 N LONG. = 104.6133483 W	ŀ	to the best of my knowledge and belief, and that this organization either
		AST (FT)	NMSP EAST (FT)		owns a working interest or unleased mineral interest in the land including
		51135.51 0809.35	N = 461127.32 E = 413449.60		the proposed bottom hole location or has a right to drill this well at this
		1	L = 413449.00	S	location pursuant to a contract with an owner of such a mineral or working
CHIL	STATE #1	! !		500'10'06	interest, or to a voluntary pooling agreement or a compulsory pooling
	.:= 4332.5'	1 016	1	90	order heretofing entered by the division.
LAT.	# 32.2621981'N (NAD	27) 🖺		₹	
	S/= "104.6197439W = PLEAST (FT)			[·	Cerus W. Shend 8.5.2013
	459223.68			771	Signature Date
	411467.66			2771.66	T 11 01 11
	SURF	CE 1977'	****	긔	Jerry W. Sherrell
	LOCAT	JON			Printed Name
	;	/			jerrys@mec.com
				•	E-mail Address
DNF	1		DNF		·
					
	1	i			SURVEYOR CERTIFICATION
t e e e e e e e e e e e e e e e e e e e	NOTE:	;			I hereby certify that the well location shown on this
1	LATITUDE AND LONGITUDE COORDINATES ARE, SHOWN	,			plat was plotted from field-notes of actual surveys
	USING THE NORTH AMERICAN DATUM OF 1927	,		S	1 1 1 1 1 1
	(NAD27), AÑO ARE IN			8	made by mu or under my suppryision, and that the
ì	DECIMAL DEGREE FORMAT.	l		10'0	same is true and correctly to the hest of my belief.
,	1	l	1	S00.10,06,m	AUGUST.23,2013
				_	
1101 4	.01.3	LOT 2	-01 I	27:	Date of Survey (12/97)
55.		20, 2	501 7	2771.66	
		!		6 FT	The Wallson of
SW CORNER SEC. 32	S/4 CORNE		SE CORNER SEC. 32		Y XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
LAT. = 32.2521826'N LONG. = 104.6304036'W	LAT. = 321 LONG. = 10		LAT. = 32.2522120'N	/	Signature and Seal of Professional Surveyor
NMSP EAST (FT)	NMSP E		LONG. = 104.6133549'W NMSP EAST (FT)	- []	Certificate Number FILIMON E JARAMILLO, PLS 12797
N = 455589.27	N = 45	5613.17	N = 455585.78	Ч	SURVEY NO. 2176
E = 408162.56	, E = 41		E = 413433.12		
S89'28'43'W	2635.13 FT	N89'24'21"W	2637.11 FT		

SCANNED

Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

NMOCD ARTESIA

NOV 0.6 2013

OIL CONSERVATION DIVISION

Revised August 1, 2011

OIL CONSERVATION DIVISION

Form C-102

AMENDED REPORT

1220 South St. Francis Dr. Santa Fe, NM 87505

Energy, Minerals & Natural Resources

		v VV E	LL LU	CAHON	N AND ACK	EAGE DEDIC	A HON PLA	<u>, l</u>		
¹ API Number		. Pool Code				² Pool Name				
		;								
4 Property C	Code	1			5 Property	Name			Well Number	
		<u>;</u>			CHIPST			1		
¹ OGRID :	No.		* Operator Name							
13837	'		MACK ENERGY CORPORATION							
		į			" Surface I	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet-from the	North/South line	Feet from the	East/West line	County	
Ğ	32	23 S	23 E	į	1910	NORTH	1977	EAST	EDDY	
	"Bottom Hole Location If Different From Surface									
UL or let no.	Section	:Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
		:	1	}]	
12 Dedicated Acres	13 Joint of	r Infill 14 Con	solidation (Code 15 Oro	ler No.					
	1			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.

			S89'49'25"E	2640.98 FT		"OPERATOR CERTIFICATION
1	DNF ·	N/4 CORNER S		NE CORNER SEC. 32	1	I hereby certify that the information contained herein is true and complete
l		LAT. = 321267 LONG. = 104.62		LAT. = 32.2674455 N LONG. = 104.6133483 W		to the best of my knowledge and belief, and that this organization either
	;	NMSP EAST	(FT)	NMSP EAST (FT)	1:	owns a working interest or unleased mineral interest in the land including
		N = 461135 E = 410809		N = 461127.32		the proposed bottom hole location or has a right to drill this well at this
	11	L = 410003		E = 413449.60	SS	location pursuant to a contract with an owner of such a mineral or working
	CHIE	STATE #1			M.90,01.00S	interest, or to a voluntary pooling agreement or a compulsory pooling
	ELEÝ.	= 4332.5	916		90	order heretofore entered by the division,
		= 32.2621981'N (NAD27) = 104.6197439'W			. ₹	
Ï		PLEAST (FT)			27	
		459223.68 411467.66			2771.66	Signature Date
Į .	_ =		1977' -) हिं	
	"	SURFACE LOCATION	\sim	•	-	Printed Name
]			
	1		!			E-mail Address
	DNC	1	1	ONF		e-man Address
	 			many to dec. Works, fearly record country to the	1,	
))			*SURVEYOR CERTIFICATION
1		NOTE:				I hereby certify that the well location shown on this
	;	COORDINATES ARE SHOWN USING THE NORTH	}			plat was plotted from field notes of actual surveys
		AMERICAN DATUM OF 1927	j		SQ	made by me or under my supervision, and that the
		(NAD27), AND ARE IN DECIMAL DEGREE FORMAT.	1		0.10	same is true and correct to the best of my belief.
			1		800.10,005.W	200 X 308 1 2 200 X 200 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		<u> </u>	···· ··· ··		₹ ;	AUGUST 23 2013
	LOT 4	LOT 3	LOT 2	_OT 1	2771	Date of Survey (12/27)
	Es.21		W1 2	2A# 1	71.66	
			,		6 F	- Holden of
	SW CORNER SEC. 32 LAT. = 32,2521826'N	S/4 CORNER S LAT. = 32.2522		SE CORNER SEC. 32		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	LONG. = 104.6304036'W	LONG. = 104.62	18826'W	LAT. = 32.2522120'N LONG. = 104.6133549'W	/	Signature and Scal Of Professional Surveyor
1	NMSP EAST (FT) N = 455589.27	NMSP EAST (N = 455613		NMSP EAST (FT)		Centificate Number FILIMON E JARAMILLO, PLS 12797
	E = 408162.56	E = 410796		N = 455585.78 E = 413433.12]	SURVEY NO. 2176
	\$89°28'43"W	2635.13 FT	N89'24'21"W	2637.11 FT	1 .	
<u> </u>	~~~ ~~~					L

SECTION 32, TOWNSHIP 23 SOUTH, RANGE 23 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

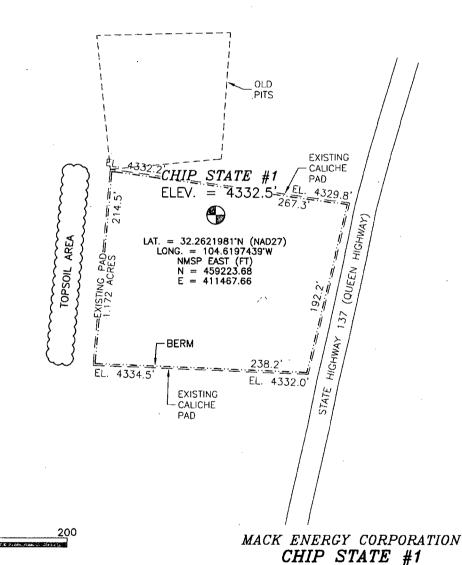
E THE LATITUDE AND LONGITUDE COORDINATES ARE SHOWN SITEMAP

NOTE: THE LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27), AND ARE IN DECIMAL DEGREE FORMAT.

SCALE 1" = 100

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR 408 (DARK CANYON) AND STATE HIGHWAY 137 (QUEEN) GO SOUTH ON STATE HIGHWAY 137 FOR APPROX. 2.1 MILES. LOCATION IS APPROX. 140' WEST AT DRY HOLE



SURVEY NO. 2176

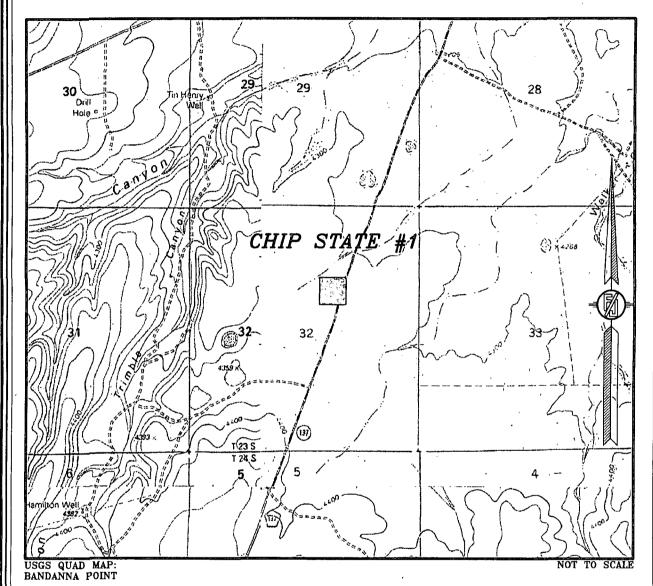
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

LOCATED 1910 FT. FROM THE NORTH LINE

AND 1977 FT. FROM THE EAST LINE OF SECTION 32, TOWNSHIP 23 SOUTH, RANGE 23 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 23, 2013

SECTION 32, TOWNSHIP 23 SOUTH, RANGE 23 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP



MACK ENERGY CORPORATION CHIP STATE #1

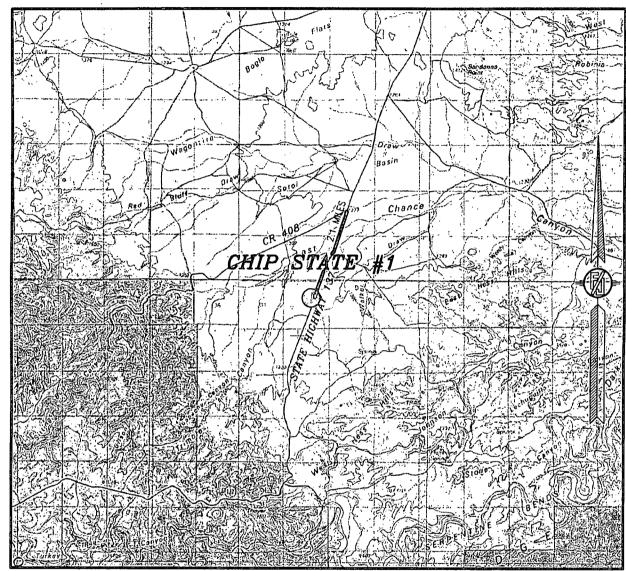
LOCATED 1910 FT. FROM THE NORTH LINE AND 1977 FT. FROM THE EAST LINE OF SECTION 32, TOWNSHIP 23 SOUTH, RANGE 23 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 23, 2013

SURVEY NO. 2176

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

SECTION 32, TOWNSHIP 23 SOUTH, RANGE 23 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



NOT TO SCALE

MACK ENERGY CORPORATION CHIP STATE #1

LOCATED 1910 FT. FROM THE NORTH LINE AND 1977 FT. FROM THE EAST LINE OF SECTION 32, TOWNSHIP 23 SOUTH, RANGE 23 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 23, 2013

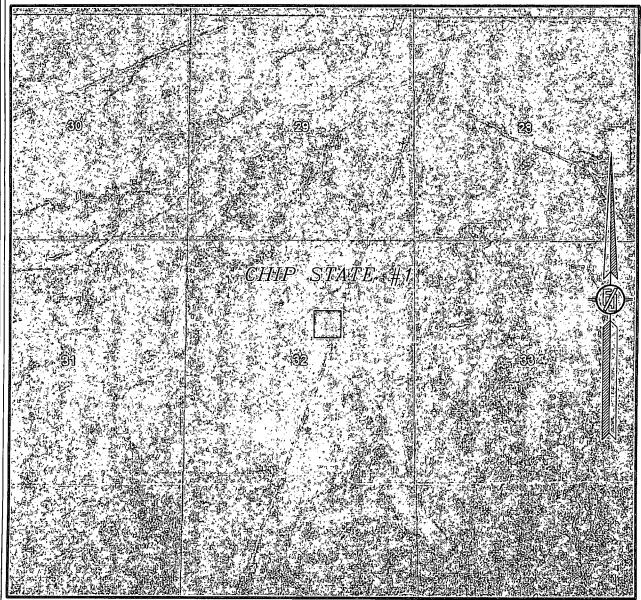
DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR 408 (DARK CANYON) AND STATE HIGHWAY 137 (QUEEN) GO SOUTH ON STATE HIGHWAY 137 FOR APPROX. 2.1 MILES. LOCATION IS APPROX. 140' WEST AT DRY HOLE MARKER.

SURVEY NO. 2176

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

SECTION 32, TOWNSHIP 23 SOUTH, RANGE 23 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL PHOTO



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH APRIL 2013

MACK ENERGY CORPORATION CHIP STATE #1

LOCATED 1910 FT. FROM THE NORTH LINE AND 1977 FT. FROM THE EAST LINE OF SECTION 32, TOWNSHIP 23 SOUTH, RANGE 23 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 23, 2013

SURVEY NO. 2176

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

Mack Energy Corporation: Chip State #1 30-015-22723

Before

After

10sx plug 51-15' 13 3/8 csg @ 440' cmt w/340sx, circ 25sx plug 408-500 8 5/8 csg @ 2750' cmt w/1450sx, circ

> 45sx plug 2675, 2850 45sx plug 4325-4500 45sx plug 6475-6650 45sx plug 7575-7750 45sx plug 8375-8550 45sx plug 9075 9250 45sx plug 9625-9800 45sx plug 10025-10200

TD @ 10,275

10sx plug 51-15

13 3/8 csg @ 440 cmt w/340sx, circ 25sx plug 408-500

Drill out cmt plugs to TD of 2750

Perf 2115-2200'

8 5/8 csg @ 2750' cmt w/1450sx, circ

45sx plug 2675-2850 45sx plug 4325-4500 45sx plug 6475-6650 45sx plug 7575-7750 45sx plug 8375-8550 45sx plug 9075-9250 45sx plug 9625-9800 45sx plug 10025-10200

GRAYBURG
SAW AWEIRES
1990
GLOEIFTA
2115
NAONOCK
BON & SPRING
3022

TD @ 10,275!