Form 3160-4 (October 1990)

## **UNITED STATES** DEPARTMENT OF THE INTERIORARTE STATE STATE

SUBMIT IN DUPLICATE\* (See other in-

FOR APPROVED OMB NO. 1004-0137 Expires: December 31,1991

**BUREAU OF LAND MANAGEMENT** 

5. LEASE DESIGNATION AND SERIAL NO. NMLC-054988A

WELL CO	MPLET	TION C	R RECC	MPLE	TION	REP	ORT	ſ A N	ND L	OG*	6. IF INDIA	N, AL	LOTTEE OR TRIBE NAM
1a. TYPE OF WELI		OIL	GAS WELL		ORY 🔲	Other					7. UNIT AG	REEN	RENT NAME
NEW [	WORK	T DEEPEN	PLUG	DIF		Other		DH	C-358	4	8 EARM	OBI	EASE NAME, WELLAN
WELL (A)	OVER L	<u> </u>	BACK	RES	VR.	Other				<del></del>			A Federal #15
Mack Energy C		00									9. API WEL		
3. ADDRESS AND				· · · · · · · · · · · · · · · · · ·						<del></del>	-	30-0	15-33486 S I
P.O. Box 960,			1-0960		(5	505) 74	18-12	88			I .		OOL, OR WILDCAT
LOCATION OF W	ELL (Report	t location o	learly and in	accordance	with ar	y State	require	me	Œ∩E	ווייי	4		son SA/Paddock
At surface	• •		•	170	0 FNL	. & 16	50 FW	/L **	بال سابت	! ¥ = ; = '			., OR BLOCK AND SURVE
At top prod. Inter	val reporte	woled b							AN 2		ORAR	EA	
At total depth OCD-ARTESIA					1 36		1 T17S R30E						
· 				14. PERMIT	NO.			DATE	ISSUED		12. COUNT PARISI Ed	<del></del>	13. STATE NM
15. DATE SPUDDED 10/25/2005	16. DATE T.D. 11/7	REACHED /2005	17. DATE (	12/8/20		•	18. El	LEVATIO		. RKB, RT, GR 66' RKB	, ETC.)*	19.	ELEV. CASING HEAD 3650'
20. TOTAL DEPTH, MD & 4950	TVD	21. PLUG, B/	ACK T.D., MD & T	VD 2	2. IF MULT HOW M	IPLE CO	APL.,			ERVALS	ROTARY TO		CABLE TOOLS
24. PRODUCING INTE	RVAL (S), OI	F THIS COM	IPLETION - TO		I, NAME		TVD)*					2	5. WAS DIRECTIONAL SURVEY MADE
		3492-4	157.5', Sai		s 439			ddo	ck				Yes
26. TYPE ELECTRIC A		OGS RUN	utron, Den					·····		av		27.	WAS WELL CORED
28.		,,		ING REC					.,	,	· · <u>· · · · · · · · · · · · · · · · · </u>	<u> </u>	
CASING SIZE/GRADE	WEIGHT	, LB/FT	DEPTH S			LE SIZE				EMENT, CEM	ENTING RECOI	RD.	AMOUNT PULLED
13 3/8" H-40		48	37	'3	-	7 1/2				530 s	x		None
8 5/8" J-55		32	107			2 1/4				500 s			None
5 1/2" J-55		<del>17</del>	494			7 7/8				1530 s			None
ACCEPTE	L EUD I	RECOR	N I								<del></del>		
29.			ER RECORD		l				30.	T	UBING REC	ORD	. <u></u>
SIZE					E	DEPTH SET	PACKER SET (MD)						
IAN									27	7/8	4833		
UNN	2326	)06											
1. PERFORATION R	ECORD (Inte	rval, size :	ind number)			32.		ACI	D, SHO	T, FRACTI	JRE, CEME	NT S	QUEEZE, ETC
ALEXIS	C. SWOE	SODA 🗘	<b>A</b>			DEP	TH INTE			<del></del>			MATERIAL USED
PETROL	EUM ENG	INEER								<del>                                     </del>	See 316	<del>30-5</del>	for detail
						<b>—</b>				<del> </del>			
		157.5',	•										<del></del>
	4398-	4826'4	15, 131										
3,		***************************************			PRO	ристіо	N						
DATE FIRST PRODUCT 12/13/20		PRODUCT	ION METHOD (FA	owing, gas lift,	pumping -	size and t	ype of pu	<i>IMP</i> )			WELL S shut-i		Producing of Producing
DATE OF TEST	HOURS TES	TED	CHOKE SIZE	PROD'N		OIL-BB	L.		GAS-M	CF.	WATER-BB	L.	GAS- OIL RATIO
12/26/2005	24 hc	ours		TEST PE	RIOD	•	72	- 1	9	99	410		1375
FLOW. TUBING PRESS.	CASING PR	ECCLIDE	CALCULATED	OIL-B	BI .	1	SAS-MC	l. F.		WATER - I		OIL G	RAVITY - API (CORR.)
			24-HOUR RAT	<u> </u>	72			99			10		
4. DISPOSITION OF	GAS (Sold,	used for fue	el, vented, etc.)		S	Sold							
5. LIST OF ATTACH	MENTS		<del></del>	Devict			and !			<del></del>			
10 1 h a sa h	N 4b		4 -441 4 - 4	Deviat					4-4		th ====================================		
SIGNED	mat the fore	15	henell	ormation   TIT	·				n Cle		ii available		1/10/06
$\overline{}$	0												
•				-					_				

recoveries): FORMATION	TOP	воттом	FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC.		dot	)
				NAME	MEAS.DEPTH	TRUE VERT.DEPTH
raddock	4398	4826		Yates	1204	
San Andres	3492	417/		Seven Rivers	1510	
				Queen	2132	
		-		<del>2</del> -	2850	
				Glorietta	4308	
			ACCENTO FILS: 27		DE S MA SI WAN SON BONTED CLERK GRABANAO	:decaOBS

## L'S M DRILLING, ING.

November 14, 2005

Mack Energy Corporation PO Drawer 960 Artesia, NM 88211-0960

RE:

Berry A Federal #15 1700' FNL & 1650' FWL Sec. 21, T17S, R30E Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION
241'	3/4°	2349'	1 1/2°
325'	1 3/4°	2755	1°
604'	3/4°	3312'	1 1/2°
910'	1/2°	3749'	1 3/4°
1067'	1°	4220'	1 3/4°
1447'	1°	4657'	1 3/4°
1851'	1 1/40	4950'	1 3/40

Very truly yours,

Eddie C. LaRue Vice President

STATE OF NEW MEXICO COUNTY OF EDDY

The foregoing was acknowledged before me

this 14th day of November, 2005.

Notary Public

