٠.								oci) Hobb	șiOBBS (OCD	-						
Form 3160-4 UNITED STA (August 2007) DEPARTMENT OF TH BUREAU OF LAND MA							THE INTERIOR MANAGEMENT						FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010					
	WELL C	OMPL	ETION O	R REC	:OM	PLETIC	ON RE	EPORT		LOGRECE	IVED		ase Serial N MNM1214				-	
Ia. Type of V	Well 🛛	Oil Well	Gas V	Vell (Dr	y 🗖 C	Other						Indian, Allo	_	Tribe Nan	ne	=	
b. Type of Completion 🛛 New Well 🗋 Work Over 📋 Deepen Other							eepen	Diff. Resvr.				7. Unit or CA Agreement Name and No.						
2. Name of C MACK F	Derator NERGY CO			-Mail: JE		Contact: R		r chase					ase Name a ANGERS				-	
3. Address	ARTESIA,						3a.	Phone No 575-748		e area code)			PI Well No.	•	25-40180-	00-S1	-	
4. Location of	of Well (Rep	ort locatio	on clearly an	d in acco	rdance	e with Fed	eral req	uirements))*				ield and Pc OUNG	ool, or I	Exploratory	,	-	
At surface	e NWNM	990FNL	990FWL								F		ec., T., R., Area Sec	M., or	Block and	Survey	_	
At top pro	od interval re	eported be	low NW	1W 990F	NL 9	90FWL							ounty or P		13. Sta		_	
At total d	1	VW 990F	NL 990FW		. 1	1		16 D.4	<u>Ol</u>	·1							-	
14. Date Spudded 15. Date T.D. Read 06/17/2012 07/02/2012						D & A 01/18/2013				Ready to P	17. Elevations (DF, KB, RT, GL)* 3919 GL oth Bridge Plug Set: MD							
18. Total De	pth:	MD TVD	9365		19. PI	ug Back T	D.:	MD TVD	90	065	20. Dep	th Brid	ige Plug Se	et:	MD TVD		_	
	RAY NEU1	RON DE	INSITY LA	FERALO	G SP	y of each) ECGAM	MARAY	1			vell cored DST run? tional Sur		🛛 No 👘	🗖 Yes	(Submit a (Submit a (Submit a	nalýsis)	_	
3. Casing and	l Liner Reco	rd (Repor	rt all strings	set in we Top	<i>II)</i>	Bottom	Store	Cementer	No	of Sks. &	Slurry	Vol					-	
Hole Size	Size/Gr	ade	Wt. (#/ft.)	(MD)	,	(MD)		Depth		of Cement	(BBI		Cement	Гор*	Amour	t Pulled		
12.250 7.875			32.0	<u>32.0 0</u> 17.0 0		1387 9365	-			<u>750</u> 1983				0			<u>0</u> 0	
1.015		00 L-00	17.0			9000	, 			1905							<u> </u>	
																	_	
																	-	
24. Tubing F	Record	!					1				1	1					_	
Size E 2.875	Depth Set (M	D) Pa 3796	cker Depth	(MD)	Size	Dep	th Set (1	MD) P	acker De	epth (MD)	Size	De	pth Set (M	D)	Packer De	pth (MD)	-	
25. Producing				I		26	. Perfor	ation Reco	ord								_	
	mation		Тор		Botte		I	Perforated			Size		lo. Holes		Perf. Sta	tus	_	
A) BONE S B)	PRING-NC			8238		8778				TO 8371 TO 8573	0.00			OPEI OPEI			-	
2) 2)										TO 8778	0.00			OPE			_	
D) 27. Acid, Fra	oturo Troote	mant Can	ant Caucora						9175	TO 9239	0.00	00	46	CIBP	@ 9100'	W/ 35' CI	<u>м</u> т	
	epth Interva		Ient Squeeze	, Etc.				Aı	mount an	d Type of M	laterial							
	82	38 TO 92	39 SEE 310	60-5 FOR	DETA	AILS											_	
				-								N.	ECL	AM	ATIC	<u>)N</u>	-	
												D	UE	1-	18-1	<u> </u>	_	
28. Productio	on - Interval Fest	A Hours	Test	Oil	Ga		Water	Oil Gr	avity	Gas		Producti	on Method				_	
roduced I	Date 02/12/2013	Tested 24	Production	BBL 25.0			BBL 8.0	Corr.		Gravity				IC-PU	MPING-UNI	1		
hoke 7 ize F	Fbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL 25	Ga M	ıs	Water BBL 8	Gas:O Ratio		Well S		pŢ	FD F(JR	REC()KD		
28a. Producti		B		25		27	0	I	900	<u> [</u> #			2000 D47 1				-	
	Fest Date	Hours Tested	Test Production	Oil BBL	Ga M		Water BBL	Oil Gr Corr. J		Gas Gravity			on Method	6 20)13			
ize F	Fbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Ga M		Water BBL	Gas:O Ratio	il	We I S	tatus		Br	-6-			Ť	
See Instructio	ns and spac IC SUBMIS ** BL	es for add SION #1 M REV	itional data 98881 VER 'ISED **	on revers IFIED B BLM R	e side Y TH	 E BLM V SED **	VELLI BLM	NFORM/	ATION S ED ** E	SYSTEM BLM REV	BUF	E BL	OF LAN	d MA IFLD Sed	NAGEME OFFICE	NT	1	
										K								

-

		_	-				· · · · · · · · · · · · · · · · · · ·					
Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Gas Gravity	Productio	on Method			
Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Well Sta	tus				
uction - Interv	/al D						I					
Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Gas Gravity	Productio	on Method			
Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Sta	tus				
sition of Gas(Sold, used	for fuel, ven	ted, etc.)									
	s Zones (Ir	clude Aquife	ers):				[31. Formation	(Log) Markers			
all important ncluding dep coveries.	zones of p th interval	orosity and c tested, cushi	ontents ther on used, tim	eof: Corec le tool ope	d intervals and all en, flowing and sh	l drill-stem hut-in pressure	S					
Formation		Top Bottom			Descriptions	s, Contents, etc			Top Meas. Dep			
BONE SPRING			8778					QUEEN	2764 3252 3974 4498			
ional remarks	(include p	lugging proc	edure):				I					
enclosed atta	achments:											
	U		• •	ı	• •			•	Directional Survey			
by certify that	t the forego	oing and atta	ched inform	ation is co	omplete and corre	ect as determin	ed from all a	vailable record	s (see attached ir	structions):		
	Co		For M	ACK EN	ERGY CORPO	RATION, ser	it to the Hol	bbs)964SE)			
(please print)									,			
Signature (Electronic Submission)							Date 02/13/2013					
	Date Tbg. Press. Flwg. SI Test Date Test Date Test SI Tbg. Press. Flwg. SI Tog. Press. Flwg. SI Tog. Press. Flwg. SI Formation RING enclosed atta ectrical/Mech ndry Notice f by certify tha (please print)	Date Tested Tbg. Press. Csg. Internal D Tested Test Hours Date Tested Test Hours Test Press. St Press. St Press. The Press. Csg. Flwg. Press. St Press. St Store of Gas/Sold, used arry of Porous Zones (In all important zones of p neluding depth interval coveries. Formation RING RING Important zones of p neluding depth interval coveries. Formation RING ional remarks (include p neluding depth interval coveries. enclosed attachments: Store of plugging by certify that the forego Notice for plugging by certify that the forego Co (please print) DEANA	Date Tested Production Tbg. Press. Csg. 24 Hr. Filwg. Press. Press. Date Test Production Test Hours Test Date Test Production Tbg. Press. Csg. 24 Hr. Flwg. Test Production Total Test Production Total Test Production Tast Production Press. Stition of Gas/Sold, used for fuel, ven. arry of Porous Zones (Include Aquife all important zones of porosity and concluding depth interval tested, cushicoveries. Formation Top RING 8238 enclosed attachments: etrical/Mechanical Logs (1 full set r endry Notice for plugging and cement by certify that the foregoing and atta by certify that the foregoing and atta Elect Committed to (please print) DEANA WEAVER	Date Tested Production BBL Tbg. Press. Csg. 24 Hr. Oil Flwg. Bat Dite BBL iction - Interval D Test Oil BBL Tast Hours Test Oil Date Tested Production BBL Tbg. Press. Csg. 24 Hr. Oil Flwg. St Press. Press. Press. Flwg. St Press. Csg. 24 Hr. Oil BBL Totact Oil gettion BBL BBL sition of Gas(Sold, used for fuel, vented, etc.) Ditact Ditact Ditact ary of Porous Zones (Include Aquifers): Bl Bl Bl all important zones of porosity and contents then nucluding depth interval tested, cushion used, tim coveries. Eormation Top Bottom RING 8238 8778 enclosed attachments: Ectrical/Mechanical Logs (1 full set req'd.) ndry Notice for plugging and cement verification Electronic Subn For M Committed to AFMSS for Mcommitted to AFMSS for	Date Tested Production BBL MCF Tbg, Press. Csg. 24 Hr. Oil BBL MCF Interval D Test Hours Test Oil BBL MCF Tag. Test Hours Test Oil BBL MCF Tbg. Test Hours Test Oil BBL MCF Tbg. Press. Csg. 24 Hr. Oil BBL MCF Tbg. Press. Csg. 24 Hr. Oil Gas Tbg. Press. Rate BBL MCF stition of Gas(Sold, used for fuel, vented, etc.) ary of Porous Zones (Include Aquifers): all important zones of porosity and contents thereof: Core core core Formation Top Bottom R RING 8238 8778 ary of Porous Zones (include plugging procedure): onal remarks (include plugging procedure): ary of plugging and cement verification ary of plugging and cement verification onal remarks (include plugging and cement verification by certify that the foregoing and attached information is concord	Date Tested Production BBL MCF BBL Tog. Press. Csg. 24 Hr. BBL Gas Mater BBL Tog. Press. Csg. 24 Hr. BBL MCF BBL MCF BBL Tog. Press. Csg. Test Production BBL MCF BBL MCF BBL Tog. Press. Csg. 24 Hr. Oil BBL MCF BBL MCF BBL Tog. Press. Csg. 24 Hr. Oil BBL MCF BBL Mater Type. Press. Csg. 24 Hr. Oil BBL MCF BBL attription of Gas(Sold, used for fuel, vented, etc.) ary of Porous Zones (Include Aquifers): all important zones of porosity and contents thereof. Cored intervals and al neluding depth interval tested, cushion used, time tool open, flowing and stocoveries. Formation Top Bottom Description: RING 8238 8778 Stocoweries. and all indicates and allogiti (I full set req'd.) a. Geologic F	Date Tested Production BBL MCF BBL Corr. API Tbg. Press. Cig. 2.4 Hr. Oil Gas Water Gas: Oil Ratio iction - Interval D Test Freduction BBL MCF BBL Gas: Oil Gravity Tbg. Press. Cig. 14 Hr. Oil Gas Water Oil Gravity Tbg. Press. Cig. 14 Hr. Oil Gas MCF BBL Gas Oil Tbg. Press. Cig. 14 Hr. Oil Gravity Gas Water Gas Oil Gas Oil Torp Press. Lane BBL Gas Water Gas Oil Gas Oil Torp Press. Lane BBL Gas Water Gas Oil Gas Oil ary of Porous Zones (Include Aquifers): Innortation cores of porosity and constant thereof. Core Analysis Gas Oil Ratio Formation Top Bottom Descriptions, Contents, etc Ratio Gas Oil Ga	Date Tended Production BBL Corr. API Gravity They Press Cig 23 Hr. BBL Gravity Gravity They Press Cig 24 Hr. Dil Gravity BBL Corr. API Gravity Tage Tested Press Dil BBL Oil Gravity Gravity Tage Tested Press Dil Gravity Gravity Gravity Tage Tested Press Dil Gravity Gravity Gravity Tage Press Ram Oil Gravity Gravity Gravity Gravity <td< td=""><td>Date Tend Production BBL MCF BBL Cer. API Gewold They Press: Fee: BBL MCF BBL Gewold Well Status ccion - Interval D Extended August and Status BBL Corr. API Gewold Well Status Task Test Production BBL O.G. Gewold Well Status Gewold Well Status Total Transform Test Production BBL O.G. Gewold Well Status Mell Status Total Transform Test Production BBL MCF BBL Gewold Well Status Total Total Concernence Status MCF BBL Gewold Well Status Test Status Total Total Concernence Test Mell Gewold Mell Status Mell Status Test Status</td></td<> <td>Date Total Procession Bit MCF Bit Car. API Greenry Total Figure and and an analysis State State Well State Well State State State State State Well State Well State State Total Description Corr API Gene View Well State Total Hows Total MCF Well Well State Well State Total Hows Total MCF Well Corr API Gene View Production Method Total Hows Total MCF Well Corr API Gene View Well State Total Hows Total MCF Well Well State Well State Total Total MCF Well Well State Well State Well State Total Total MCF Well MCF Well State State Total Total MCF Well MCF</td>	Date Tend Production BBL MCF BBL Cer. API Gewold They Press: Fee: BBL MCF BBL Gewold Well Status ccion - Interval D Extended August and Status BBL Corr. API Gewold Well Status Task Test Production BBL O.G. Gewold Well Status Gewold Well Status Total Transform Test Production BBL O.G. Gewold Well Status Mell Status Total Transform Test Production BBL MCF BBL Gewold Well Status Total Total Concernence Status MCF BBL Gewold Well Status Test Status Total Total Concernence Test Mell Gewold Mell Status Mell Status Test Status	Date Total Procession Bit MCF Bit Car. API Greenry Total Figure and and an analysis State State Well State Well State State State State State Well State Well State State Total Description Corr API Gene View Well State Total Hows Total MCF Well Well State Well State Total Hows Total MCF Well Corr API Gene View Production Method Total Hows Total MCF Well Corr API Gene View Well State Total Hows Total MCF Well Well State Well State Total Total MCF Well Well State Well State Well State Total Total MCF Well MCF Well State State Total Total MCF Well MCF		

• - -

=

** REVISED **