Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

WELL COMPLETION OR RECOMPLETION REPORT AND LOG										5. Lease Serial No. NMNM03428					
Ia. Type of	Well 🛭 O	il Well				Other					6. If Ind	an, Allotte	e or Tribe	Name	
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.										esvr.	7. Unit or CA Agreement Name and No.				
2. Name of Operator Contact: ROBERT CHASE MACK ENERGY CORPORATION E-Mail: jerrys@mackenergycorp.com										8. Lease Name and Well No. PANTHER FEDERAL 3					
	P.O. BOX 96 ARTESIA, N	IM 88211				P	h: 505.748		rea code))	9. API V	Vell No.	30-0	25-36324 <i>00</i>	
4. Location	of Well (Repor	rt location 17S R32I	clearly an	id in ac MP	cordance wit	h Federal n	equirements)*			10. Field MAL	and Pool, JAMAR G	or Explor	atory	
At top p				•						Ì	II. Sec., or Ar	T., R., M. ea Sec 3	, or Block 1 T17S F	and Survey 32E Mer NMP	
• •	At top prod interval reported below At total depth										12. County or Parish 13. State NM				
14. Date Sp 08/02/20	oudded			ate T.D /19/20	. Reached 03		nD&	Completed A R	eady to P	rod.	17. Elevations (DF, KB, RT, GL)* 3861 GL				
18. Total De		MD TVD	5021		06/01/2004 19. Plug Back T.D.: MD 4948 20. De						pth Bridge Plug Set: MD TVD				
21. Type El	ectric & Other		502 al Logs R	un (Sut	omit copy of	each)	.,,,	494	2. Was v	vell cored	? 🗷 :	No □		nit analysis) nit analysis)	
••										OST run? tional Sur		No 🗖	Yes (Subr Yes (Subr	nit analysis) nit analysis)	
3. Casing an	nd Liner Record	(Report a	all strings					L		1 -					
Hole Size	ize Size/Grade		Wt. (#/ft.) Top (MD)					Cementer No. of Sks. epth Type of Cem		Slurry (BBI		Cement Top*		Amount Pulled	
17.500						817 2201			625 750		- 				
12.250 7.875) J-55	17.0	-	Y	4966			940			- 7			
												202			
24. Tubing	Record			<u> </u>						1,50	670		<u> </u>		
Size I	Depth Set (MD)) Pack	er Depth	(MD)	Size	Depth Set	(MD) P	acker Depth	(MD)	Sizè		Set (MD)		Depth (MD)	
2.875 25. Producir	45	25				I 26 Doels	oration Reco			150		W. 3.	723		
	ormation	- 1 -	Тор	T	Bottom	20. Feiit	Perforated		- 1	Size	1 360 7	Holfee 7	ca .	Status	
A)	MALJAM	AR		4122	4314	1	Teriorated	4122 TO	4314	\\c\c\c\c\c\c\c\c\c\c\c\c\c\c\c\c\c\c\		32 32	- <u>(67</u>	Status	
В)										100			_5/		
C)					• • • • • •					10	7	1	<u> </u>		
D) 27. Acid, Fr	acture, Treatme	ent, Cemen	nt Squeeze	e. Etc.							100	19V.			
	Depth Interval		Γ	,			Aı	nount and T	ype of M	laterial					
	4122	TO 4314	2200 GA	ALS 15%	6 NEFE, 134,	000# 16/30	SAND, 106,	939 GALS 4	0# GEL						
			ļ											 	
	·		 	-					····			·		,	
28. Producti	ion - Interval A														
			est roduction	Oil BBL 49.	Gas MCF 0 55.0	Water BBL 350	Oil Gr Corr.		Gas Gravity		Production M	lethod	PUMPING	UNIT #	
	Tbg. Press. Cs		4 Hr.	Oil BBL	Gas MCF	Water BBL	Gas:O	ii	Well St	atus				P	
	Flwg. Pro	ess. R 32.0 -	late	40	_	35/) Ratio		 	ow			000	N	
	tion - Interval F	3				1,750			AC	CEPT	ED FO	RREC	OKU -	γ -	
28a. Product				Oil	Gas	Water	Oil Gr		Gas		Production M				
28a. Product	Test Ho		est roduction	BBL	MCF	BBL	Corr.	-uri	AGA.	IG. 4	GD.) 🗓	AVID F	i. GLA	53	
28a. Product Date First Produced Choke Size	Test Ho Date Te	g. 2				Water BBL	Gas:O Ratio		Well Sta	1111	NL O O	2004	7. GLA	53	

28. Production - Interval C Production P																
Discrete Production Sile No.							-									
State Prof. Prof											Production Method					
Title Performance Title		Flwg.								Well Status	iatus					
Treate Date Treate Tre	28c. Pro	duction - Inter	val D	<u> </u>	-	<u> </u>										
Size Five Five Prima Rate Ball McCP Ball Sado																
30. Summary of Porous Zones (Include Aquifers): Show all important zones of poronity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Moss. De Seven Rivers 2220 Formation Top Bottom Descriptions, Contents, etc. Name Top Moss. De Seven Rivers 2220 Seven Rivers 2220		Flwg.							!	Well Status	Status					
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushon used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. De SEVEN RIVERS 2320 CREENURG 3314 CREENUR	29. Disp	osition of Gas(Sold, used	for fuel, ven	ted, etc.)				<u> </u>							
Post	30. Sumi	mary of Porous v all important , including dep	zones of n	orosity and c	ontents ther	eof: Cored in tool open.	intervals and, flowing an	d all drill-stem ad shut-in press	sures	31. For	mation (Log) M	arkers				
32. Additional remarks (include plugging procedure): 32. Additional remarks (include plugging procedure): 33. Additional remarks (include plugging procedure): 34. Additional remarks (include plugging procedure): 35. Electroated form 4122-4314.87 32 holes. 36. 269/2004 Perforated form 4122-4314.87 32 holes. 36. 269/2004 Additized w2020 gals 15% WEFE 37. Office office of the control of th		Formation		Тор	Bottom		Descriptions, Contents, etc.				Name L					
05/30/2004 Frac w/106,939 gals 40# gel & 134,000# 16/30 sand. 05/31/2004 RiH w/145 joints 2 7/8" J-55 SN @ 4525', RiH w/2 1/2x2x24' pump. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #31604 Verified by the BLM Well Information System. For MACK ENERGY CORPORATION, sent to the Hobbs Committed to AFMSS for processing by LINDA ASKWIG on 06/22/2004 () Name (please print) JERRY SHERRELL Title PRODUCTION CLERK Signature (Electronic Submission) Date 06/17/2004	32. Addi 05/2	8/2004 Perfo	rated form	olugging proc	edure):	S.				SE QU GR	VEN RIVERS EEN AYBURG		2754 3406 3814			
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #31604 Verified by the BLM Well Information System. For MACK ENERGY CORPORATION, sent to the Hobbs Committed to AFMSS for processing by LINDA ASKWIG on 06/22/2004 () Name (please print) JERRY SHERRELL Title PRODUCTION CLERK Signature (Electronic Submission) Date 06/17/2004 Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency	05/3 05/3	60/2004 Frac v 11/2004 RIH v	w/106,939 v/145 joint	gals 40# g	el & 134.00	00# 16/30 s 25', RIH w	sand. 1/2 1/2x2x2	4' pump.								
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #31604 Verified by the BLM Well Information System. For MACK ENERGY CORPORATION, sent to the Hobbs Committed to AFMSS for processing by LINDA ASKWIG on 06/22/2004 () Name (please print) JERRY SHERRELL Title PRODUCTION CLERK Signature (Electronic Submission) Date 06/17/2004 Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency				e (1 full cos =	eald)		2 Geologi	c Penor		3 DCTP~	nort	4 Dimention	nal Sumon			
Electronic Submission #31604 Verified by the BLM Well Information System. For MACK ENERGY CORPORATION, sent to the Hobbs Committed to AFMSS for processing by LINDA ASKWIG on 06/22/2004 () Name (please print) JERRY SHERRELL Title PRODUCTION CLERK Signature (Electronic Submission) Date 06/17/2004 Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency			_	•			-				pon	4. Difection	nai Survey			
Signature (Electronic Submission) Date 06/17/2004 Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency		•		Elect Cor	ronic Subn For M nmitted to	nission #316 ACK ENEF	604 Verifie RGY CORI	d by the BLM PORATION, g by LINDA A	l Well Inf sent to th SKWIG	formation Syste Hobbs on 06/22/200	stem. 4 ()	tached instructi	ions):			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency			• • •		T 10			 -		***************************************	-11/11					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency	Sign	£°								Date 06/17/2004						
of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction	Title 18	U.S.C. Section	1001 and	Title 43 U.S	.C. Section	1212, make	it a crime f	or any person	knowingly	y and willfully	to make to any	department or	agency			