1339

District II - (505) 748-1283 811 S. First Artesia, NM 88210 District III - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 District IV - (505) 827-7131	N. French Dr 5, NM 88241-1980 ettll - (505) 748-1283 First a, NM 88210 ettll - (505) 334-6178 Rio Brazos Road NM 87410 ettly - (505) 827-7131 APPLICATION FOR NEW WELL STATUS Operator and Well					
Operator name & address Mack Energy P.O. Bo	ox 960	OGRID				
Artesia, NM	88211-0960		013837			
Contact Party Robert C	. Chase	Phone	(505)748-1288			
Property Name Shawnee Federal		Well Number API Num				
UL Section Township Range Feet From Th J 15 17S 30E 1650	e North/South Line Feet Fr South 2	om The East/West Line	County Eddy, NM			
II. Date/Time Information	e Completed Pool	· ·	· · · · · · · · · · · · · · · · · · ·			
Spud Date 7/9/99 Spud Time Date 7/9/99 3:00pm	te Completed Pool 8/9/99	Loco Hills H	Paddock			
III. Attach copies of Form C-103 or Federal 3160-4 showing well was completed as a IV. Attach a list of all working interest owner V. AFFIDAVIT: State of New Mexico	a producer.					
County of <u>Eddy</u> ss.	swom, upon oath states:					
2. To the best of my knowledge, the	d representative of the Operator nis application is complete and o Title Vice Preside	correct.	well. 9/3/99			
Signature A Product Chammer Ch			71 31 77			
SUBSCRIBED AND SWORN TO before me this	3rd day of September ,	1999	4			
My Commission expires: 12-9-99	Notary Public	i i lau				
FOR OIL CONSERVATION DIVISION USE ONLY	:					
VI. CERTIFICATION OF APPROVAL: This Application is hereby approved and the a of the Taxation and Revenue Department of t	above-referenced well is designated his Approval.	a New Well. By copy hereo	f, the Division notifies the Secretary			
Signature	Title		Date			
	·		·			

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

NOTICE: The operator must notify all working interest owners of this New Well certification.

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•			OF NTOP	S COPY		
Form 3160-5 (June 1990)	DEPARTMEN	TED STATES NT OF THE INTE LAND MANAGE		FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.		
	SUNDRY NOTICES	AND REPORTS	ON WELLS	6. If Indian, Allottee or Tribe Name		
		ill or to deepen o	r reentry to a different reservoir.			
	7. If Unit or CA, Agreement Designation					
1 Type of Well Oil Well Gas Well 2. Name of Operator	Other		-	8. Well Name and No. Shawnee Federal #1		
Mack Energy Corpo	9. API Well No.					
3. Address and Telephone	30-015-30628					
P.O. Box 960, Artes	ia, NM 988211-0960		505-748-1288	10. Field and Pool, or Exploratory Area		
4. Location of Well (Foo	tage, Sec., T. R., M. or Survey De	escription)		Loco Hills Paddock		
	Sec. 15-T17S-R3	0E 1650 FSL & 2	310 FEL	11. County or Parish, State		
				Eddy, NM		
12. CHECK	APPROPRIATE BOX	(s) TO INDICAT	E NATURE OF NOTICE, REPO	RT, OR OTHER DATA		
TYPE OI	FSUBMISSION		TYPE OF ACTION			
Notice	e of Intent		Abandonment	Change of Plans		
-			Recompletion	New Construction		
Subset	quent Report		Plugging Back	Non-Routine Fracturing		
			Casing Repair	Water Shut-Off		
Final .	Abandonment Notice		Altering Casing	Conversion to Injection		
			Other Spud & Cement Casings	Dispose Water		

Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

7/09/99 Spud 17 1/2" hole @ 3:00PM (Called BLM Carlsbad) lost circ 69'.

7/10/99 TD 17 1/2" hole @ 440' 2:00AM, (called J.Amos BLM) drilling with no returns to 414' full returns lost circ 428', regain full returns at TD 440'., circ hole 30 min POH, RIH with 13 joints 13 3/8" 54# ST&C K-55 casing, Set @ 435', BJ Cement w/100 gals gel ahead & 550sx Class C 2% CaCl, circ 155sx, plug down 1:00PM.

7/11/99 TD 12 1/4" hole @ 1213' 6:45 PM , RIH with 27 joints 8 5/8" 24# ST&C J-55, set at 1206', BJ Cement w/ 400sx 35/65 6%Gel, 6# salt, 1/4# CF, & 200sx Class C 2% CaCl, plug down 10:45PM (circ 110sx).

	ACCEPTED FOR RECORD
JUL 21 1800	JUL 20 1999
	BLW

4. I hereby certify that the foregoing is true and correct Signed	Title	Production Analyst	Date	7/15/99
(This space for Federal or State office use)				
Approved by Conditions of approval, if any:	Title		Date	

(October 1990)			INITED						ICATE* ee other in-			1004-0137 mber 31,1991
	DEP		NENT O				IOR	re	verse side}			ION AND SERIAL NO
WELL CO	OMPLET	ION OF	RRECC	MPLE	TION	REP	ORT	AND L	OG*	6. IF INDIAN,	ALLOT	TEE OR TRIBE NAME
1a. TYPE OF WEL			GAS WELL			Other				7. UNIT AGRE	EMENT	NAME
NEW WELL			PLUG BACK			Other			_	8. FARM OR	LEAS	SE NAME, WELL N
2. NAME OF OPERAT					59VR. L					Shaw	nee	Federal #1
Mack Energy							_			9. API WELL N		
3. ADDRESS AND			0060		1	- 505) 74	10 1 20	9				-30628
P.O. Box 960,				accordan						4		Paddock
At surface					650 FS							R BLOCK AND SURVEY
At top prod. inte	rval reported	below		1	650 FS	L 2310	FWL			OR AREA		
At total depth					650 FS							
At total depth			-			L 23 I						17S R30E
				14. PERM	IT NO.		D	ATE ISSUED		12. COUNTY C PARISH Eddy	R 7	13. STATE
15. DATE SPUDDED	16. DATE T.D. F	EACHED	17. DATE (COMPL. (Re	eady to prod.)	18. ELE	VATIONS (DF	RKB, RT. GR			V. CASING HEAD
7/9/99	7/21			8/9/1					09 RKB			3697
20. TOTAL DEPTH, MD 5076		1. PLUG, BAC	ск т.с., мо & т 4872	σv	22. IF MULT HOW M		IPL.,		ERVALS	ROTARY TOOL Yes	.s	CABLE TOOLS
24. PRODUCING INT	ERVAL (S), OF	THIS COMP	PLETION - TO	Р, ВОТТО	M, NAME	(MD AND	TVD)*				25. V	NAS DIRECTIONAL
			44	67-482	9 Padde	ock						SURVEY MADE
26. TYPE ELECTRIC	AND OTHER L	OGS RUN			-						27. WA	S WELL CORED
	Gamma F	Ray, Neu	tron, Den	sity, L	ateralo	g, Spe	ctral G	Samma F	Ray			No
28.						1.1.1	strings :	set in well)				
CASING SIZE/GRADE			DEPTH S			DLE SIZE		TOP OF C		ENTING RECORD		AMOUNT PULLED
<u>13 3/8</u> 8 5/8		4	43			17 1/2 2 1/4			<u>550s</u> 600s			None None
5 1/2		5.5	48			7 7/8			1000s			None
29.		LINE	RRECORD					30.	т	UBING RECO	RD	
SIZE	TOP(MD)	BC	(DTTOM (MD)	SACKS	CEMENT	SCRE	EN (MD)	SIZ		DEPTH SET (MC	2)	PACKER SET (MD)
							_	27	7/8	4833		
31. PERFORATION	RECORD (Inter	val. size an	id number)			32.			TERACT	URE, CEMENT	8011	
	•						TH INTER	IVAL (MD)		OUNT AND KIND		
							4467-	4829		2500 gals *	15%	NE acid
							4467-	4829		32,000 gals	20%	NE acid
	4467	-4829,1/	2 83									
33.			-,		PRO	DUCTIO	N					
DATE FIRST PRODUC		PRODUCTIC	ON METHOD (FI	owing, gas l	ift, pumping	- size and t	ype of pur			WELL STA shut-in)		oducing or Producing
DATE OF TEST	HOURS TEST		CHOKE SIZE	PROD	'N FOR	OIL-BB		GAS-N	ICF.	WATER-BBL.		GAS- OIL RATIO
9/2/1999	24			TEST		1	11	_ 1	40	325		1261
FLOW. TUBING PRES	S. CASING PRI	ESSURE	CALCULATED		-BBL. 111	G	GAS-MCI	=. 40	WATER -	BBL. OI	L GRAV	TTY - API (CORR.)
34. DISPOSITION O	F GAS (Sold, L	ised for fuel	vented, etc.)			Sold						
35. LIST OF ATTACI	HMENTS									_	<u> </u>	
36. I hereby certify	that the fore	going and	attached in	formatio	n Is comp	lete and	correct	as determ	ined from a	all available re	cords	
	lissa	$D_{\cdot}($	ity	TI	TLE	Р	roduc	tion Ana	lyst	DATE		9/3/1999
	*(See Inst	ructions a	nd spa	ces for <i>l</i>	Additio	nal Da	ta on Rev	verse Sid	e)		

FORMATION	ТОР	BOTTOM	DESCRIPTION, CONTENTS, ETC.		T	ТОР		
oco Hills Paddock	4440	4826		NAME	MEAS.DEPTH	TRUE VERT.DEPTI		
		4020		Queen	2182			
				San Andres	2896			
				Glorietta	4369			
		-						

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PROPERTY	DOI	MO/YR	PROPERTY NAME		INTEREST	LAST
			OWNER SQ OWNER NAME	INTEREST	TYPE	CHANGE
001725 001	Jl	01/98	SHAWNEE FEDERAL 1			
			0.06172 00 THE HOMESTAKE OIL & GAS CO.	.06250000	1 WOR	6/24/99
			999101 00 CHASE OIL CORPORATION	.60937500	1 WOR	6/24/99
			999104 00 RICHARD L. CHASE	.02812500	1 WOR	6/24/99
			999105 00 GERENE DIANNE CHASE CROUCH	.01875000	1 WOR	6/24/99
			999106 00 ROBERT C. CHASE	.04687500	1 WOR	6/24/99
			999107 00 MACK C. CHASE TRUST	.23437500	1 WOR	6/24/99
			TOTAL INTEREST	1.00000000		

<u>District 1</u> - (505) 393-6161 1625 N. French Dr Hobbs, NM 88241-1980 <u>District II</u> - (505) 748-1283 811 S. First	New Mexico Energy Minerals and Natural Resources Depar Oil Conservation Division							Form C-142 Date 06/99 SUBMIT ORIGINAL PLUS 2 COPIES
Artesia, NM 88210 <u>District III</u> - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 <u>District IV</u> - (505) 827-7131	2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131					OCT I	TO THE SANTA FE 9 1999 OFFICE	
		APPLIC	CATION FOR		ELL STA		L CARSERV	ATION PHYLENOLS
I. Operator and Well								
Operator name & address Mack Energy Corporation P.O. Box 960								
	Artesia, N	M 8821	-0960					013837
Contact Party	Robe	ert C. Chas	se				Phone	(505)748-1288
Property Name	Shawnee Fede	ral			Well N	lumper	API Numbe	
UL Section Township J 15 17S	Range Feet Fre 30E I	om The 650	North/South L South	ine Fe	et From The 2310	e f	EastWest Line East	County Eddy, NM
II. Date/Time Information								
7/9/99	1 Time 3:00pm	Date Comp		Pool			Loco Hills Pa	
III. Attach copies of Fo 3160-4 showing we IV. Attach a list of all w V. AFFIDAVIT:	ell was completed	as a prod	ucer.			rilling co	mmenced and	Form C-105 or Federal Form
	Mexico) Eddy) se, being first	ss. duly swon	n, upon oath	states:				
1. I am the C 2. Po the best	Operator, or authors of my knowledg	prized repre ge, this app	esentative of plication is co	the Oper Implete a	ator, of the	he above ct.	e-referenced w	ell.
Signature	1 h	Title		Vice Pre	sident		Date	9/3/99
SUBSCRIBED AND SWOR	N TO before me	this <u>3rd</u>	_ day of <u>Se</u>	ptember	, 1999	<u> </u>	1	
UN OT TARY					<u>wi</u>	D	Carte	
My Commission expires:	12-9-99		Nota	ry Public				
		NH NZ						
FOR OIL CONSERVATION	1. A. B.	NLY:						
VI. CERTIFICATION C This Application is he of the Taxation and R	reby approved and	the above-r t of this App	eferenced we	ll is desigr	ated a Ne	ew Well.	By copy hereof,	the Division notifies the Secretary

Signature	Title	Date

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

NOTICE: The operator must notify all working interest owners of this New Well certification.

2			OF NTOF	S COPY
Form 3160-5 (June 1990)	DEPARTMEN	TED STATES T OF THE INTERIOR AND MANAGEMENT	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31,1993 5. Lease Designation and Serial No.	
S Do not use this form Use	LC-029020-L 6. If Indian, Allonee or Tribe Name			
	7. If Unit or CA. Agreement Designation			
I Type of Well Oil Gas Well Well 2. Name of Operator	Other			8. Well Name and No. Shawnee Federal #1
Mack Energy Corporation			505-748-1288	9. API Well No. 30-015-30628
P.O. Box 960, Artesia, N 4. Location of Well (Footage.	Sec., T. R., M. or Survey De	scription) 0E 1650 FSL & 2310 FE		Loco Hills Paddock
			URE OF NOTICE, REPO	Eddy, NM
TYPE OF SU			TYPE OF ACTION	
Notice of Ir	itent	Abandon Recompl		Change of Plans
Subsequent	Report donment Notice	Plugging Casing F Altering	Cesing	Won-Routine Fracturing Water Shut-Off Conversion to Injection
		Other	Spud & Cement Casings	Dispose Water (Note: Report results of multiple completion on Vel

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally driled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

Completion or Recompletion Recort and Log form.)

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7/10/99 TD 17 1/2" hole @ 440' 2:00AM, (called J.Amos BLM) drilling with no returns to 414' full returns lost circ 428', regain full returns at TD 440'., circ hole 30 min POH, RIH with 13 joints 13 3/8" 54# ST&C K-55 casing, Set @ 435', BJ Cement w/100 gals gel ahead & 550sx Class C 2% CaCl, circ 155sx, plug down 1:00PM.

7/11/99 TD 12 1/4" hole @ 1213' 6:45 PM, RIH with 27 joints 8 5/8" 24# ST&C J-55, set at 1206', BJ Cement w/ 400sx 35/65 6%Gel, 6# salt, 1/4# CF, & 200sx Class C 2% CaCl, plug down 10:45PM (circ 110sx).

	ACCEPTED FOR RECORD
JUL 21 1899	JUL 20 1999

14. I hereby certify that the foregoing is true and correct Signed	Title	Production Analyst	Date	7/15/99
(This space for Federal or State office use)				
Approved by Conditions of approval, if any:	Title		Date	

(October 1990)			VITED					See of	her in-	OM Expire	B NO.	1004-0137 mber 31,1991		
		ARTMI BUREAU				TERIOF	२	struction on reverse side) 5. LEASE DESIGNATION AND SERIAL NO. LC-029020-L						
WELL CO	MPLETI	ON OR	RECO	MPLE	TION	REPORT	AN	DLOG	•	6. IF INDIAN,	ALLOT	TEE OR TRIBE NAME		
1a. TYPE OF WEL			GAS T	7						7. UNIT AGRE	EMEN	T NAME		
b. TYPE OF COM	PLETION:	WELL Z	WELL L			Other								
NEW WELL		DEEPEN	PLUG BACK			Other				8. FARM OR	LEAS	SE NAME, WELL NO		
2. NAME OF OPERAT										Shaw	nee	Federal #1		
Mack Energy (Corporation	1								9. API WELL	ю.			
3. ADDRESS AND	TELEPHONE	NO.				000 740 44						-30628		
P.O. Box 960,	Artesia, NN	88211-	0960			05) 748-12				-		, OR WILDCAT		
4. LOCATION OF V	VELL (Report la	ocation clea	irly and in a	accordanc 1 G	e with an	_ 2310 FW	emenis) 	1-				R BLOCK AND SURVEY		
										OR AREA		R BLOCK AND SURVEY		
At top prod. Inte	rval reported b	below		16	650 FSI	2310 FW	L							
At total depth				16	650 FSI	_ 2310 FW	L			Sec	15 T	17S R30E		
			Г	14. PERMIT	r NO;		DATE	SUED		12. COUNTY C PARISH Eddy	R	13. STATE		
			_							Éddy	/	NM		
15. DATE SPUDDED	16. DATE T.D. RE	ACHED	17. DATE C	OMPL. (Rea		18. E	LEVATIO	NS (DF, RKE		, ETC.)"	19. ELI	EV. CASING HEAD		
7/9/99	7/21/	99		8/9/19	999			3709	RKB			3697		
20. TOTAL DEPTH, MD	& TVD 21.	PLUG, BACK		VD 2	22. IF MULT HOW MA	IPLE COMPL.,		23. INTERV		ROTARY TOO	.s I	CABLE TOOLS		
5076 24. PRODUCING INT			4872			MO AND TVDI			→	163	25.	WAS DIRECTIONAL		
24. PRODUCING INT	ERVAL (5), OF 1		ETION	, 80110	u, 194112 (SURVEY MADE		
			446	57-4829	Paddo	ock						Yes		
26. TYPE ELECTRIC	AND OTHER LO	GS RUN				0	0	na Dav			27. W	AS WELL CORED		
	Gamma Ra	ay, Neut										No		
28.						Report all string								
CASING SIZE/GRADE			DEPTH SE			LE SIZE	. T	OP OF CEME		ENTING RECORD		AMOUNT PULLED		
13 3/8	54		43			7 1/2			550s			None None		
8 5/8	24	5.5	489	-		<u>2 1/4</u> 7 7/8			1000			None		
51/2			403			/ //0			1000.	<u> </u>	_	None		
29.	1	LINER	RECORD				L	30.	1	UBING RECO	RD			
SIZE	TOP(MD)		TOM (MD)	SACKS C	EMENT	SCREEN (MI	21	SIZE		DEPTH SET (M	0)	PACKER SET (MD)		
5.20	101 (1011(110)	JACKS C	Cincini		·	2 7/8		4833	-			
31. PERFORATION	RECORD (Interv	al, size and	number)	<u> </u>		32.	ACI	D, SHOT,	RACT	URE, CEMEN	rsqu	EEZE, ETC		
						DEPTH INT	ERVAL	(MD)	AM	OUNT AND KIND	OF M	ATERIAL USED		
						446	7-482	9		2500 gals				
						446	7-482	9		32,000 gals	s 20%	6 NE acid		
	4467	4020 4/2	02											
	4467-	4829,1/2	, 03											
33.						DUCTION	our ch			WELL ST	ATUS (F	Producing or		
DATE FIRST PRODUC		PRODUCTION	METHOD (F	2 1/2 X	2 20 F	size and type of RHBC HVR	PAP	BNC		shut-in)		Producing		
DATE OF TEST	HOURS TEST	ED C	HOKE SIZE	PROD	N FOR	OIL-BBL.		GAS-MCF		WATER-BBL.		GAS-OIL RATIO		
9/2/1999	24			TEST		111		140)	325		1261		
FLOW, TUBING PRES	S. CASING PRE		CALCULATED		BBL.	GAS-		1	VATER		IL GRA	VITY - API (CORR.)		
			24-HOUR RAT	>	111		140			325		38		
34. DISPOSITION	OF GAS (Sold, u	sed for fuel,	vented, etc.;)	;	Sold								
35. LIST OF ATTAC	HMENTS	<u> </u>												
36. I hereby certif			attached !-	lorette		late and corr	ect as	determine	dfrom	ali available r	ecord	s		
36. I hereby certif	y that the fore	Bound and										9/3/1999		
SIGNED	lina	L). (a	May	TI	TLE	Prod		n Analys		DATI		51011353		
		Circle 1		م حمد ام تن		Additional	Data	n Pour		101				
	*(See Instr	uctions a	ina spa	Ces IOr	Additional					int or	agency of the		

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PRÓPERTY	DOI MO/YR	PROPERTY NAME OWNER SO OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001725 001	J1 01/98	SHAWNEE FEDERAL 1 006172 00 THE HOMESTAKE OIL & GAS CO. 999101 00 CHASE OIL CORPORATION 999104 00 RICHARD L. CHASE 999105 00 GERENE DIANNE CHASE CROUCH 999106 00 ROBERT C. CHASE 999107 00 MACK C. CHASE TRUST TOTAL INTEREST	.06250000 .60937500 .02812500 .01875000 .04687500 .23437500 1.00000000	1 WOR 1 WOR 1 WOR 1 WOR 1 WOR 1 WOR	6/24/99 6/24/99 6/24/99 6/24/99 6/24/99 6/24/99 6/24/99

District II - (505) 748-1283 811 S. First Artesia, NM 88210 District III - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 District IV - (505) 827-7131	New Mex als and Natural Dil Conservation 2040 South Pache Santa Fe, New Mex (505) 827-71	Resources D n Division co Street sico 87505	OCT 1	Form C-142 Date 06/99 ment SUBMIT ORIGINAL PLUS 2 COPIES TO THE SANTA FE OFFICE			
I. Operator and Well							
Operator name & address Mack Energy C			OGRID N	umber			
P.O. Box							
Artesia, NM 88 Contact Party	1211-0960	·	Phone	Date 06/99 SUBMIT ORIGINAL PLUS 2 COPIES TO THE SANTA FE OFFICE 013837 (505)748-1288 30-015-30628 County Eddy, NM dock form C-105 or Federal Form I. 9/3/99			
Robert C. (Chase		Phone	(505)748-1288			
Property Name Shawnee Federal		Well Numbe	r API Numb	er 30-015-30628			
UL Section Township Range Feet From The 15 17S 30E 1650	North/South Line South	Feet From The 2310	East/West Line East	County			
II. Date/Time Information Spud Date (0.000 Spud Time) Date (0.000 Date)	Completed Pool						
//9/99 3:00pm	8/9/99		Loco Hills Pa				
3160-4 showing well was completed as a p IV. Attach a list of all working interest owners v V. AFFIDAVIT: State of	producer.						
County of <u>Eddy</u>) <u>Robert C. Chase</u> , being first duly st 1. I am the Operator, or authorized r	worn, upon oath state		ove-referenced w	ell.			
2. To the best of my knowledge, this							
Signature	Title Vice	President	Date	9/3/99			
SUBSCRIBED AND SWORN TO before me this	3rd day of Septem	ber 1999	1				
JOTAR /	(l	Main I) Carts	2			
My Commission expires: 12-9-99	Notary Pu						
FOR OIL CONSERVATION DIVISION USE ONLY:	4. 		A COMPANY AND A CONTRACTOR	ng n			
VI. CERTIFICATION OF APPROVAL: This Application is hereby approved and the abo of the Taxation and Revenue Department of this	ove-referenced well is de Approval.	esignated a New We	ell. By copy hereof,	the Division notifies the Secretary			
Signature	Title			Date			

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

z

NOTICE: The operator must notify all working interest owners of this New Well certification.

⁻¹ . ●			SCUPT				
Form 3160-5 (June 1990)	DEPARTMEN BUREAU OF L	ED STATES T OF THE INTERIOR AND MANAGEMENT	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31,1993 5. Lease Designation and Serial No. LC-029020-L				
Do not use this for	rm for proposals to dri	AND REPORTS ON WELLS Il or to deepen or reentry to a different reservoir. R PERMIT'' for such proposals	6. If Indian, Allonee or Tribe Name				
I Type of Well	SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation				
Well Gas Well Well	Other		8. Well Name and No.				
2. Name of Operator			Shawnee Federal #1				
Mack Energy Corporat	tion		9. API Well No.				
3. Address and Telephone No	0.		30-015-30628				
P.O. Box 960, Artesia,	, NM 988211-0960	505-748-1288	10. Field and Pool, or Exploratory Area				
4. Location of Well (Footag	ge, Sec., T. R., M. or Survey Des	cription)	Loco Hills Paddock				
	Sec. 15-T17S-R3	DE 1650 FSL & 2310 FEL	11. County or Parish, State				
			Eddy, NM				
12. CHECK A	APPROPRIATE BOX	s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA				
TYPE OF S	SUBMISSION	TYPE OF ACTION	1				
Notice of	Intent		Change of Plans				
		Recompletion	New Construction				
Subseque	ent Report	Plugging Back	Non-Routine Fracturing				
Final Abs	andonment Notice	Casing Repair Altering Casing Other Spud & Cement Casings	Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recordetion Record and Log form)				

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13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

7/09/99 Spud 17 1/2" hole @ 3:00PM (Called BLM Carlsbad) lost circ 69'.

7/10/99 TD 17 1/2" hole @ 440' 2:00AM, (called J.Amos BLM) drilling with no returns to 414' full returns lost circ 428', regain full returns at TD 440'., circ hole 30 min POH, RIH with 13 joints 13 3/8" 54# ST&C K-55 casing, Set @ 435', BJ Cement w/100 gals gel ahead & 550sx Class C 2% CaCl, circ 155sx, plug down 1:00PM.

7/11/99 TD 12 1/4" hole @ 1213' 6:45 PM, RIH with 27 joints 8 5/8" 24# ST&C J-55, set at 1206', BJ Cement w/ 400sx 35/65 6%Gel, 6# salt, 1/4# CF, & 200sx Class C 2% CaCl, plug down 10:45PM (circ 110sx).

	ACCEPTED FOR RECORD
JUL 21 1899	JUL 20 1999
	BLive

Signed	Title	Production Analyst	Date	7/15/99
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Tide		Date	

(October 1990)			NITED						LICA [E* See other in			NO, 1004-0137 December 31,1991		
	DEPA		ENT C	•			RIOR		truction on everse side)		DESIG	NATION AND SERIAL NO		
WELL CC	MPLETIO	NOR	RECO	MPLE	TION	REF	PORT		.06*	6. IF INDI	AN, AL	LOTTEE OR TRIBE NAM		
1a. TYPE OF WELL										-				
b. TYPE OF COM		VELL	WELL L			Other				7. UNIT A	GREEM	ENT NAME		
			BACK	DIF		Other				8. FARM	ORL	EASE NAME, WELL N		
2. NAME OF OPERATO					<u>, L</u>					Sh	awne	e Federal #1		
Mack Energy C										9. API WE				
3. ADDRESS AND P.O. BOX 960, /			0960			505) 7	48-128	R				15-30628		
4. LOCATION OF W	and the second sec			accordanc						-		Ils Paddock		
At surface				16	650 FS	L 231	0 FWL				_	, OR BLOCK AND SURVI		
At top prod. inter	val reported be	low		16	650 FS	L 231	0 FWL			OR AI	REA			
At total depth				16	650 FS	L 231	0 FWL			S	ac 15	T17S R30E		
			Г	14. PERMIT	NO.		DA	TE ISSUED				13. STATE		
										12. COUN PABIS	İdy	NM		
15. DATE SPUDDED	16. DATE T.D. READ 7/21/9		17. DATE C	OMPL. (Rea 8/9/19		.)	18. ELEV		, RK8, RT, G	R, ETC.)*	19.	ELEV. CASING HEAD		
20. TOTAL DEPTH, MD &			T.D., MD & TV		2. IF MUL		MPL.,	23. IN	TERVALS	ROTARY T	OOLS	CABLE TOOLS		
5076			4872		HOW M	ANY"		DR	ILLED BY	Yes	5			
24. PRODUCING INTE	RVAL (S), OF THI	S COMPL	ETION - TOP	P. BOTTON	, NAME	(MD AND) TVD)*				2	5. WAS DIRECTIONAL		
				-								SURVEY MADE		
			446	7-4829	Padd	оск						Yes		
16. TYPE ELECTRIC A	Gamma Ray		on, Den	sity, La	teralo	g, Spe	ctral G	amma F	Rav		27.	WAS WELL CORED		
28.							Il strings se				<u> </u>			
CASING SIZE/GRADE	WEIGHT, LBJ	FT	DEPTH SE	T (MD)	но	DLE SIZE		TOP OF	EMENT, CEN	ENTING RECO	RO	AMOUNT PULLED		
13 3/8	54		43			17 1/2			550s			None		
<u>8 5/8</u> 5 1/2	24		<u>120</u> 489			2 1/4 7 7/8			600s					
5 112	10.0		405			1 110		· · · · ·	1000	5.		None		
29,	·	LINER	RECORD		L			30.	T	UBING REC	ORD	<u></u>		
SIZE	T O P (MD)	BOT	TOM (MD)	SACKS CE	EMENT	SCR	EEN (MD)	SIZ		DEPTH SET	(MD)	PACKER SET (MD)		
								2	7/8	4833	}			
1. PERFORATION RE	CORD (Interval	size and	number)			32								
	(TH INTERV					MATERIAL USED		
							4467-4					% NE acid		
							4467-4					% NE acid		
	4467-48	29.1/2.	83											
13.					PRO		N							
DATE FIRST PRODUCT		DUCTION	METHOD (Fio		pumping	size and				WELL Shut-		(Producing or Producing		
DATE OF TEST	HOURS TESTED	СН	OKE SIZE	PROD'N	FOR	OIL-BB		GAS-N	ICF.	WATER-BE	IL.	GAS-OIL RATIO		
9/2/1999	24			TEST PE		1	111		40	325	325 1			
FLOW. TUBING PRESS.	CASING PRESSU		ALCULATED	OIL-B	ывц. 111	GAS-MCF. WATER - 140 3				DIL GRAVITY - API (CORR.)				
4. DISPOSITION OF	GAS (Sold, used	for fuel, v	ented, etc.)						I			38		
						Sold								
16. LIST OF ATTACHN	IENTS													
36. I hereby certify t	hat the foregoin	ng and at	tached info	ormation	ls comp	lete and	correct a	s determ	ined from a	il available	record	is		
		- / \	A											
SIGNED	mad		the		LE		roducti		lyst	DA	TE	9/3/1999		

*(See Instructions and spaces for Additional Data on Reverse Side)

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PROPERTY DOI 001725 001 J1		PROPERTY NAME OWNER SQ OWNER NAME SHAWNEE FEDERAL 1	INTEREST	INTEREST TYPE	LAST CHANGE
	01,00	006172 00 THE HOMESTAKE OIL & GAS CO. 999101 00 CHASE OIL CORPORATION 999104 00 RICHARD L. CHASE 999105 00 GERENE DIANNE CHASE CROUCH 999106 00 ROBERT C. CHASE 999107 00 MACK C. CHASE TRUST TOTAL INTEREST	.06250000 .60937500 .02812500 .01875000 .04687500 .23437500 1.00000000	1 WOR 1 WOR 1 WOR 1 WOR 1 WOR 1 WOR	6/24/99 6/24/99 6/24/99 6/24/99 6/24/99 6/24/99