CMD : OG5SECT

ONGARD INQUIRE LAND BY SECTION

12/07/05 18:44:00 OGOMES -TPZ8 PAGE NO: 1

> Section Type : NORMAL Sec : 31 Twp : 16S Rng : 33E

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A 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05	H 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05 A	I 40.00 CS VB0818 0000 FEATHERSTONE DEVE 12/01/10 A	P 40.00 CS VB0544 0001 ROBERT E LANDRETH 07/01/05 A
B 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05	G 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05 A	J 40.00 CS VB0544 0001 ROBERT E LANDRETH 07/01/05	0 40.00 CS VB0544 0001 ROBERT E LANDRETH 07/01/05 A
C 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05	F 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05	K 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05 A A	N 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05
1 40.31 CS V05860 0001 CAZA ENERGY LLC 07/01/05	2 40.29 CS V05860 0001 CAZA ENERGY LLC 07/01/05	3 40.27 CS V05860 0001 CAZA ENERGY LLC 07/01/05	40.25 CS V05860 0001 CAZA ENERGY LLC 07/01/05

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE No. 2887 Order No. R-2559 NOMENCLATURE

APPLICATION OF APACHE CORPORATION FOR THE CREATION OF THE WEST KEMNITZ-LOWER WOLFCAMP OIL POOL, AND FOR SPECIAL POOL RULES, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 21, 1963, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 4th., day of September, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Apache Corporation, seeks the creation of a new pool for Lower Wolfcamp production and the promulgation of temporary special rules and regulations governing said pool, including a provision for 80-acre spacing units.
- (3) That a new oil pool for Lower Wolfcamp production should be created and designated the West Kemnitz-Lower Wolfcamp Oil Pool. This pool was discovered on July 3, 1963, by the Apache Corporation Maljamar North State Unit Well No. 1, located in Unit G of Section 31, Township 16 South, Range 33 East, NMPM, Lea County, New Mexico. The top of the perforations is at 10,678 feet.
- (4) That temporary special rules and regulations establishing 80-acre spacing should be promulgated for the subject pool in

order to prevent the possibility of economic loss resulting from the drilling of unnecessary wells and in order to allow the operators in the subject pool to gather information concerning the reservoir characteristics of the pool.

- (5) That the temporary special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.
- (6) That the temporary special rules and regulations should be established for a one-year period and that during this one-year period all operators in the subject pool should gather all available information relative to drainage and recoverable reserves.
- (7) That this case should be reopened at an examiner hearing in August, 1964, at which time the operators in the subject pool should appear and show cause why the West Kemnitz-Lower Wolfcamp Oil Pool should not be developed on 40-acre spacing units.

IT IS THEREFORE ORDERED:

(1) That a new pool in Lea County, New Mexico, classified as an oil pool for Lower Wolfcamp production is hereby created and designated the West Kemnitz-Lower Wolfcamp Oil Pool, consisting of the following-described area:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM Section 31: NE/4, E/2 NW/4, NE/4 SW/4, and N/2 SE/4

- (2) That the vertical limits of said pool shall be the Lower Wolfcamp formation as depicted on the log of the Apache Corporation Maljamar North State Unit Well No. 1, located in Unit G of Section 31, Township 16 South, Range 33 East, NMPM, Lea County, New Mexico, from a point 10,675 feet to 10,820 feet.
- (3) That Special Rules and Regulations for the West Kemnitz-Lower Wolfcamp Oil Pool are hereby promulgated as follows, effective September 10, 1963.

SPECIAL RULES AND REGULATIONS FOR THE WEST KEMNITZ-LOWER WOLFCAMP OIL POOL

RULE 1. Each well completed or recompleted in the West Kemnitz-Lower Wolfcamp Oil Pool or in the Lower Wolfcamp formation within one mile of the West Kemnitz-Lower Wolfcamp Oil Pool, and not nearer to or within the limits of another designated

-3-CASE No. 2887 Order No. R-2559

Lower Wolfcamp pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

- RULE 2. (a) Each well completed or recompleted in the West Kemnitz-Lower Wolfcamp Oil Pool shall be located on a standard unit containing 80 acres, more or less, consisting of the E/2 or the W/2 of a governmental quarter section.
- (b) The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 (a) without notice and hearing when an application has been filed for a nonstandard unit and the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the United States Public Lands Survey, or when an application has been filed for a non-standard unit comprising a single quarterquarter section or lot. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.
- RULE 3. (a) Each well projected to or completed in the West Kemnitz-Lower Wolfcamp Oil Pool shall be located within 200 feet of the center of either the NE/4 or the SW/4 of a governmental quarter section.
- (b) The Secretary-Director shall have authority to grant an exception to the requirements of Rule 3 (a) above without notice and hearing where application has been filed in due form and the necessity for the unorthodox location is based on topographical conditions.

Applicant shall furnish all operators within a 1320-foot radius of the subject well a copy of the application to the Commission, and applicant shall include with his application a list of names and addresses of all operators within such radius, together with a stipulation that proper notice has been given said operators at the addresses given. The Secretary-Director may approve the application upon receipt of written waivers from all operators within such radius, or if no such operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application. In the event an operator objects to the unorthodox location, the Commission shall consider the matter only after proper notice and hearing.

RULE 4. A standard proration unit (79 through 81 acres) in the West Kemnitz-Lower Wolfcamp Oil Pool shall be assigned an

-4-CASE No. 2887 Order No. R-2559

80-acre proportional factor of 5.67 for allowable purposes, and any well to which is dedicated less than 79 acres or more than 81 acres shall be granted an allowable in the proportion to a standard allowable that the total number of acres assigned to the well bears to 80 acres.

- RULE 5. No well shall be assigned an 80-acre allowable until Commission Form C-128 has been filed with the Commission indicating that either the E/2 or the W/2 of a governmental quarter section has been dedicated to the well.
- (4) That this case shall be reopened at an examiner hearing in August, 1964, at which time the operators in the subject pool may appear and show cause why the West Kemnitz-Lower Wolfcamp Oil Pool should not be developed on 40-acre spacing units.
- (5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

- E. S. WALKER, Member
- A. L. PORTER, Jr., Member & Secretary

SEAL

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE No. 2887 Order No. R-2559-A

APPLICATION OF APACHE CORPORATION FOR THE CREATION OF THE WEST KEMNITZ-LOWER WOLFCAMP OIL POOL, AND FOR SPECIAL POOL RULES, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 5, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this <u>llth</u> day of August, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That by Order No. R-2559, dated September 4, 1963, temporary Special Rules and Regulations were promulgated for the West Kemnitz-Lower Wolfcamp Oil Pool.
- (3) That pursuant to the provisions of Order No. R-2559, this case was reopened to allow the operators in the subject pool to appear and show cause why the West Kemnitz-Lower Wolfcamp Oil Pool should not be developed on 40-acre spacing units.
- (4) That the evidence establishes that one well in the West Kemnitz-Lower Wolfcamp Oil Pool can efficiently and economically drain and develop 80 acres.

- (5) That to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, the Special Rules and Regulations promulgated by Order No. R-2559 should be continued in full force and effect until further order of the Commission.
- (6) That the Special Rules and Regulations promulgated by Order No. R-2559 have afforded and will afford to the owner of each property in the pool the opportunity to produce his just and equitable share of the oil in the pool.

IT IS THEREFORE ORDERED:

- (1) That the Special Rules and Regulations governing the West Kemnitz-Lower Wolfcamp Oil Pool promulgated by Order No. R-2559 are hereby continued in full force and effect until further order of the Commission.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

> STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 8716 Order No. R-8041

THE APPLICATION OF THE OIL CONSERVATION DIVISION UPON ITS OWN MOTION FOR AN ORDER CREATING AND EXTENDING VERTICAL AND HORIZONTAL LIMITS OF CERTAIN POOLS IN CHAVES, LEA, AND ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on September 25, 1985, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 3rd day of October, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) There is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Seven Rivers formation, said pool to bear the designation of North San Miguel-Seven Rivers Gas Pool. Said North San Miguel-Seven Rivers Gas Pool was discovered by the MorOilCo Inc. Stivason Federal Well No. 1 located in Unit A of Section 33, Township 19 South, Range 34 East, NMPM. It was completed in the Seven Rivers formation on June 22, 1984. The top of the perforations is at 3,909 feet.
- (3) There is need for the creation of a new pool in Chaves County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of Southwest Tulk-Wolfcamp Pool. Said Southwest Tulk-Wolfcamp Pool was discovered by the Chevron USA Inc. L. Wrinkle Well No. 1 located in Unit D

-2-Case No. 8716 Order No. R-8041

of Section 13, Township 15 South, Range 31 East, NMPM. It was completed in the Wolfcamp formation on June 20, 1985. The top of the perforations is at 8,828 feet.



- (4) There is need for the extension of the vertical limits of the West Kemnitz-Lower Wolfcamp Pool in Lea County, New Mexico, to include the upper Wolfcamp formation and the redesignation of said pool as the West Kemnitz-Wolfcamp Pool.
- (5) There is need for certain extensions to the Little Lucky Lake-Morrow Gas Pool in Chaves County, New Mexico, the Denton-Wolfcamp Pool, the Gem-Morrow Gas Pool, the East Hightower-Upper Pennsylvanian Pool, the West Nadine-Drinkard Pool, the Querecho Plains-Upper Bone Spring Pool, and the Red Hills-Wolfcamp Gas Pool, all in Lea County, New Mexico, and the North Chaveroo-Permo Pennsylvanian Pool in Roosevelt County, New Mexico.

IT IS THEREFORE ORDERED THAT:

(a) A new pool in Lea County, New Mexico, classified as a gas pool for Seven Rivers production is hereby created and designated as the North San Miguel-Seven Rivers Gas Pool, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM Section 33: NE/4

(b) A new pool in Chaves County, New Mexico, classified as an oil pool for Wolfcamp production is hereby created and designated as the Southwest Tulk-Wolfcamp Pool, consisting of the following described area:

TOWNSHIP 15 SOUTH, RANGE 31 EAST, NMPM Section 13: NW/4



- (c) The vertical limits of the West Kemnitz-Lower Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, are hereby extended to include the upper Wolfcamp formation and said pool is redesignated as the West Kemnitz-Wolfcamp Pool.
- (d) The North Chaveroo-Permo Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM Section 11: NW/4

-3-Case No. 8716 Order No. R-8041

(e) The Denton-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 15 SOUTH, RANGE 37 EAST, NMPM Section 15: S/2 Section 16: S/2

(f) The Gem-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM Section 21: NE/4

(g) The East Hightower-Upper Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM Section 29: NW/4

(h) The Little Lucky Lake-Morrow Gas Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 30 EAST, NMPM Section 30: SE/4
Section 31: W/2 and NE/4

(i) The West Nadine-Drinkard Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM Section 7: SW/4

(j) The Querecho Plains-Upper Bone Spring Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 26: NW/4

(k) The Red Hills-Wolfcamp Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM Section 28: All

-4-Case No. 8716 Order No. R-8041

(1) The San Simon-Yates Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM Section 4: NW/4

IT IS FURTHER ORDERED THAT:

- (1) Pursuant to Section 70-2-18, NMSA 1978, contained in Chapter 271, Laws of 1969, any well, which by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.
- (2) The effective date of this order and all creations, redesignations, and extensions of vertical and horizontal limits included herein shall be October 1, 1985.

DONE in Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

R. L. STAMETS Director

SEAL

POOL West Kemnitz - Wolfcamp COUNTY Lea TOWNSHIP 16 South RANGE 33 Last 10 -- 11 -12 -18-- 16 -15 --13-20 -21-22-23 28 -33 -34-35 36 -Description: NE, E/2 NN/4, NE,4 SW/4 & N/2 SE,4 Sec. 31 (R. 7559 9-4-63) Vertical limits: 10,615' to 10,820' on log of the Apache Corporation Maljamar State Unit Well # 1, G-31-165-33E Ext: W. NW. Sec. 31 (R.2879, 4.1-65) - 5, 8, & NW. SW. Sec. 31 (R.2967, 10-1-65) Ext: 1/2 Sec 29 5 4 Sec 30 (R-5626, 2-1-78) Ext: NEX Sec 32 (R-5729, 6-1-78) Extend vertical limits to include upper bollcamp formation and redesignate as locat Kommitz Wolfiamp Pool (K-8041, 10-3-85)

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Chand Ave., Artesia, MM 88210

District III

1000 Rio Bresos Rd., Astec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM

87505

State of New Mexico

State of 14cw 14teries

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address

MACK ENERGY CORP

PO Box 960 Artesia, NM 88211-0960

Property Code

34450

Property Neme
T-REX STATE

OGRID Number 13837 API Number

E/W Line

E

30-025-36988

Form C-101 .

Permit 3156

₩±11 №. 001

County

Lea

Surface Location

UIL or Lot	Section	Township	Range	Lot Idn	l I	N/S Line	Feet Fram
н	31	165	33E	H	1980	N	660

Proposed Pools

MALJAMAR; MORROW (GAS) 80945

Wark Type	Well Type	Ceble/Rotay	Leese Type	Ground Level Elevetion
New Well	GAS		State	4237
Matriple	Proposed Depth	Fametion	Contractor	Spart Date
N	13700	Morrow		12/15/2004

Proposed Casing and Cement Program

Туре	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	3.50	350	0
Intl	12.25	9.625 40		4400	1400	0
Prod	7.875	5.5	17	13700	2500	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill to 350, run 13 3/8 casing and cement. Drill to 4400, run 9 5/8 casing and cement. Drill to 13,700 and test Morrow formation, run 5 1/2 casing and cement. Put well on production. Note: On production string a fluid caliper will be run and will figure cement with 25% excess, attempt to circulate.

Proposed Blowout Prevention Program

PARTIES AND THE PARTIES AND ADDRESS AND AD			
Туре	Working Pressure		Manufacturer
Double Rem	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Jerry Sherrell

Title: Production Clerk

Date: 12/02/2004 Phone: 505-748-1288

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 12/03/2004 Expiration Date: 12/03/2005

Conditions of Approval:

There are conditions. See Attached.

District. I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Chund Ave., Artesia, NM 88210

District III

1000 Rio Brans Rd., Astec, NM 87410

District IV

1220 S. St. Francis Dr., Senta Fe, NM

87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102 Permit 3156

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36988	Pool Name MALJAMAR;MORROW (GAS)	Pool Code 80945
Property Code 34450	Property Name T-REX STATE.	Well No. 001
OGRID No. 13837	Operator Nome MACK ENERGY CORP	Elevetion 4237

Surface And Bottom Hole Location

UL ee Lot	Section	Township	Range	Lot Idn	Feet Frum	N/S Line	Feet Fram	E/W Line	County
H	31	16S	33E	H	1980	N	660	E	Lea
1	ed Acres 0.6	Joint or	Irdill .	Consoli	detion Code		Order :	No.	

	×

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Electronically Signed By: Jerry Sherrell

Title: Production Clerk
Date: 12/02/2004

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Gary Eidson Date of Survey: 11/24/2004 Certificate Number: 12641

Permit Conditions Of Approval C-101, Permit 3156

Operator: MACK ENERGY CORP, 13837

Well: T-REX STATE #001

OCD Reviewer	Condition
PKAUTZ	Re-seeding mixture will must be approved or authorized by surface owner
PKAUTZ	Notice is to be given to the OCD prior to construction of the pit(s)
PKAUTZ	Pit construction and closure must satisfy all requirements of O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines

Subtitit 3 Copies To Appropriate District	State of New Me	exico	Form C-103	
Office District I	Energy, Minerals and Natu	ral Resources	May 27, 2004	ח
1625 N. French Dr., Hobbs, NM 88240			WELL API NO. 30-025-36988	
<u>District 11</u> 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION		5. Indicate Type of Lease	1
District III 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Fra		STATE 🛛 FEE	_
District IV	Santa Fe, NM 8	/505	6. State Oil & Gas Lease No.	
1220 S. St. Francis Dr., Santa Fe, NM 87505			V-5860	
	TICES AND REPORTS ON WELLS		7. Lease Name or Unit Agreement Name	1
	OSALS TO DRILL OR TO DEEPEN OR PL ICATION FOR PERMIT" (FORM C-101) F		T-Rex State	
PROPOSALS.)	Gas Well Other		8. Well Number 1	1
1. Type of Well: Oil Well 2. Name of Operator	Gas Well U Other		9. OGRID Number	-
Mack En	ergy Corporation		013837	
3. Address of Operator			I 0. Pool name or Wildcat	
	x 960 Artesia, NM 88211-0960		Maljamar GB SA	4
4. Well Location	1980 feet from the Nor	th time and	660 feet from the East line	
Olik Letter	1980 feet from the Nor Township 16S R	***** *****		
Section	I 1. Elevation (Show whether DE		INIVITIVI County	
		GR	7 基本基本基本目標的表示。	
Pit or Below-grade Tank Application	or Closure			7
Pit typeDepth Ground	waterDistance from nearest fresh	water well Di	stance from nearest surface water	
Pit Liner Thickness: m	Below-Grade Tank: Volume	bbls; Co	onstruction Material	اـ
12. Check	Appropriate Box to Indicate ?	Nature of Notice,	, Report or Other Data	
NOTICE OF I	NTENTION TO:	l QUE	BSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK		REMEDIAL WO	_	
TEMPORARILY ABANDON	-		RILLING OPNS. P AND A	
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMEN	NT JOB	
OTHER:		OTHER. Spud a	nd cement casings	ı
	pleted operations. (Clearly state all		nd give pertinent dates, including estimated da	 ite
			ttach wellbore diagram of proposed completion	
or recompletion.				
02/23/2005 Spud 17 1/2" hole @				
02/25/2005 TD 17 1/2" hole @ :	353', RIH w/8 joints 13 3/8" H-40	48# set @ 337', Co	emented w/700 sx Neat C, tail in w/350 sx	
03/12/2005 TD 12 1/4" hole @	g down @ 3:0 OPM 2/24/05. WO	18 nours tested c	asing to 1800# for 30 minutes, held OK.	
03/14/2005 RIH w/102 joints 9	5/8" J-55 40# set @ 4644'. Cemen	ted w/1675 sx 35-6	65-6, 3# salt, tail in w/500 sx 50-50-2, 2%	
CC, 5% salt, 1/4# FL25, circ 250	sx, plug down @ 1:45 AM. WOO	12 hours tested ca		
	·		asing to 600# for 20 minutes field OK. COO SQUOH DOALGOOD	
			(2) doo (2)	
			don Hobbs	,\
			G Peceived	3
			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	/د
			\0, \0, \0, \0, \0, \0, \0, \0, \0, \0,	
			C. 100	
			E1-1805.65.89	
I hereby certify that the information grade tank has been/will be constructed	above is true and complete to the beer closed according to NMOCD guidelines	st of my knowledge	and belief. I further certify that any pit or below or an (attached) alternative OCD-approved plan	v-
SIGNATURE Serry W	Shenell TITLEP	roduction Clerk	DATE 3/30/2005	
Type or print name Jerry W. Sher	rell E-mail add	ress:jerrys@macke	relephone No. (505)748-	1288
For State Use Onl	100		•	
APPROVED BY: Law	W. Wand OCFFELD	REPRESENTATIV	E II/STAFF MANAGER	
Conditions of Approval (if any):	IIILE		DATE APR 0 4 20	ns

State of New Mexico

DISTRICT I 1025 M. PASICE DE., BODSS, 101 42840

Energy, Minerals and Nebural Scoources Department

Form C-102

DISTRICT II
1301 V. CRAND AVENUR, ANDREAL MY 80210

OIL CONSERVATION DIVISION

Bevised JURE 10, 2003 Submit to Appropriate District Office State Lenon - 4 Copies

DISTRICT III

1000 Bio Broson Rd., Astec, NM 87410

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Poe Louse - 3 Copies

DISTRICT IV	WELL LOCATION AND	ACREAGE DEDICATION PLAT	C AMENDED REPORT
API Number	Pool Code	Pool Name	
30-025-36988	43329		
Property Code	Prop	Well Mumber	
34450	T-RE	1	
OCRID No.	Opes	Clevation	
013837	MACK ENERG	4239'	

Surface Location

1	UL or lot No.	Section	Township	Range	lol idn	Peet from the	North/South line	Fost from the	Best/West line	County	Ì
	Н	31	16-5	33-E		1980	NORTH	660	EAST	LEA	Ì

Bottom Hole Location if Different From Surface

Ul. er lat No.	Section.	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Rast/Vent line	County
Dedicated Acres	loint o	r baffill Con	noitables	Code Or	ier No.				
40				L					

NO ALLOWABLE: WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

	OR A NON-STANDARD UNIT HAS BEEN APPRO	OVED BY THE DIVISION
LOT 1	GEODETIC COORDINATES NAD 27 NME Y=684374.6 N X=695747.6 E	OPERATOR CERTIFICATION I havely certify the the information contained herein is true and complete to the test of my knowledge and belief.
40.31 AC	LAT.=32'52'47.29" N LONG.=103'41'44.60" W	Derry W. Shenell
LOT 2		Jerry W. Sherrell Printed Name Production Clerk Title 6/1/2005
40.29 AC		SURVEYOR CERTIFICATION
		I havely cortify that the wall location shows on this plat was plotted from field notes of celval surveys made by me or wader my supervison and that she some is true and correct to the best of my belief.
40.27 AC LOT 4		NOVEMBER 24, 2004 Date Suggestion Millian JR Signatura & Signatura JR Signatura & Signatura JR Professional & Surveyor July NICE SIGNATURA JR AGAIN MESON CENTON JA
40.25 AC		Cortagnia de AMP ESSON 12841

REFERENCE SHEET FOR UNDESIGNATED WELLS

22. Placed in Pool

···	Fm	Pm	N	
12-16 W	XX	ХX	ХX	
17-21 W	XX	XX	XX	

1. Date: 5/25/2005							L_				لبل		
2 Type of Well Oil: XX Gas: Oil: XX Gas:							Г			1.	Date:	5/25/2005	; 7
A Operator S Address of Operator	la a sa a sanah	T	ר				5	Type of Well	· Eggi	* ** ** ***	nikus .		10
A	paragraph	1					ļ-		XX	Gas:			
APTINUMENT APT							F			<u> </u>	<u> </u>	·	\dashv
MACK ENERGY CORP 30 - 025 - 36988							<u>. </u>	ح کنید		<u> </u>			
Section Test	4. Operator:		Para harrolle at 100	G irle alexa (A.A.)			AGE 1981	The second second	1000年	API NUME	ER:		
POBOX 960			RGY CORP	<u></u>						30 -	025	36988	
S. Loss name or Vint Agreement Name						Tr. Liverin	aci.	e la		tation de	ekka L		
Case name or Unit Agreement Name	State of the state of the state of	<u> </u>							_				
1	* * * * * * * * * * * * * * * * * * *	ARTESIA N			<u>-</u>			· · · · · · · · · · · · · · · · · · ·	_				
1.							W.ch						
Unit Letter: H 1980 feet from the Section 31 Township 16S Range 33E 9. Completion Date: State Market 11. Perfs 10p 4354 4354 4399 10. Name of Producing Formation(s) 12. Open Hole Casing shoe PBTD or 10 Open Hole 4667 13. C125 Filed: Date 15. Name of Pool Requested: PBTD or 10 Open Hole 15. Name of Pool Requested: PBTD or 10 Open Hole 43229 16. Femants EXTEND TO BE COMPLETED BY DISTRICT GEOLOGIST 17. Action taken 18. Pool Name State 18.							to the second				-		ericani Ca
Section 31 Township 16S Range 33E 9. Completion Date: 11. Peris Top 4354 4399 10. Name of Producing Formation(s) 12. Open Hole Casing shoe PBI Dor TD Open Hole Casing Shoe POI ID num 4667 13. C123 Filed: Uale 15. Name of Pool Requested: 43329 18. Hemarks EXTEND TO BE COMPLETED BY DISTRICT GEOLOGIST 17. Action taken 18. Pool Name (Issues Assumed Assume			***************************************							*************	erdene,d		
9. Competen Date: 4/4/2005 4/4/2005 10. Name of Producing Formation(s) 11. Perfs 4354 4354 4399 10. Name of Producing Formation(s) 12. Open Hole Casing shoe PBID of TD Open Hole 4667 13. Ch23 Filed: Y N XX MALJAMAR; GRAYBURG-SAN ANDRES 43329 TO BE COMPLETED BY DISTRICT GEOLOGIST 17. Action taken 18. Pool Name graphs and producing Formation MALJAMAR; GRAYBURG-SAN ANDRES T 16 S, R 33 E SEC 31: E/2 SEC 32: SW/4 19. Advertised for HEARING: 20. Case Number Pool ID num 21. Name of pool for which was advertised.			-		-		ree	et from the		Rufe			
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]			RG-SAN AN	DRES								

By order number

R-



Artesia Fishing Tool Co., Inc.

PO Box 1370 505/746-6651

Oil Well Drilling Contractors : 1370 Artesia.NM 88211-1370 :6651 746-3518 fax 748-2205

March 16, 2005

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

RE:

T-Rex State #1 1980' FNL & 660' FEL Sec. 31, T16S, R33E Lea County, New Mexico

Unit H

30-025-36988

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
246'	1/2°	2377	1°
340'	1/4°	2597'	1°
500'	1/4°	2871'	1 1/4°
800'	3/4°	3150'	1/2°
1091'	3/4°	3429'	3/4°
1472'	3/4°	3871'	1/2°
1909'	10	4340'	1°
-		4667'	10

Very truly yours,

Eddie C. LaRué
Vice President

STATE OF NEW MEXICO COUNTY OF EDDY

The foregoing was acknowledged before me this 16th day of March, 2005.

Notary Public

RECEIVED
WAR 1.8 7005



JFFIC'AL SEAL PEGINIA L GARNER

COURT COME LINE SASSIEM OF STATE

64 Common Com Cup 30, 300

05-1319

Serving Southeast New Mexico and West Texas Since 1974

层

Subtitit 3 Copies To Appropriate District	State of New Mex	kico	Form C-103
Office District I	Energy, Minerals and Natur	al Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240			WELL API NO. 30-025-36988
District 11 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION		5. Indicate Type of Lease
District III	1220 South St. Fran		STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u>	Santa Fe, NM 87	505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM			V-5860
87505 SUNDRY NOT	TICES AND REPORTS ON WELLS		7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPO	osals to drill or to deepen or plu	IG BACK TO A	
PROPOSALS.)	ICATION FOR PERMIT" (FORM C-101) FO	R SUCH	T-Rex State
1. Type of Well: Oil Well	Gas Well Other		8. Well Number 1
2. Name of Operator			9. OGRID Number
	ergy Corporation		013837
3. Address of Operator	000 Autorio NB4 80311 0060		I I
	x 960 Artesia, NM 88211-0960		Maljamar GB SA
4. Well Location	1980 feet from the North	line and	660 feet from the East line
Unit Letter H Section 31	rect from the	inge 33E	NMPM County Lea
Section	I 1. Elevation (Show whether DR,		MINIT WI County
[급수] 중요 그 승규는 이 이 기가	4237	GR	
Pit or Below-grade Tank Application	or Closure		·
Pit typeDepth Grounds	waterDistance from nearest fresh w	ater well Di	stance from nearest surface water
Pit Liner Thickness: m	il Below-Grade Tank: Volume	bbls; Co	onstruction Material
12. Check	Appropriate Box to Indicate N	ature of Notice	Report or Other Data
	•		•
_	NTENTION TO:		BSEQUENT <u>R</u> EPORT OF:
PERFORM REMEDIAL WORK	= ' =	REMEDIAL WOI	
TEMPORARILY ABANDON			RILLING OPNS. P AND A
PULL OR ALTER CASING [MULTIPLE COMPL [CASING/CEMEN	BOL TM
OTHER:		OTHER: Compl	letion 🖂
	pleted operations. (Clearly state all r	pertinent details, ar	nd give pertinent dates, including estimated date
of starting any proposed or recompletion.	work). SEE RULE 1103. For Multip	le Completions: A	ttach wellbore diagram of proposed completion
03/26/2005 Perforated from 435	(4' 4300' 20 holes		
	ls 15% NEFE. Frac w/31,840# 16/3	30 cond 30 000 a	rate 40# mal
	7/8" tubing SN @ 4413', RIH w/2 1		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	reaction pump.	223242526272820
			2232
			(2) B
•			E PART SINGO
			DE PROPERTY
· -			(Se 050 Z)
			18 18 18 18 18 18 18 18 18 18 18 18 18 1
	en e		" " " " " " " " " " " " " " " " " " "
			22111013
			•
I hereby certify that the information	above is true and complete to the bes	t of my knowledge	and belief. I further certify that any pit or below-
grade tank has been/will be constructed	or closed according to NMOCD guidelines [a general permit [or an (attached) alternative OCD-approved plan
SIGNATURE Jerry W	Sherell TITLE Pr	oduction Clerk	DATE 5/20/2005
Type or print name Jerry W. Sher	rell E-mail addr	ess:jerrys@mack	energycorp.com Telephone No. (505)748-1288
For State Use Only		****	MA 1 000C
ADDROVED BY		LEIMOLEON	M ENGINEER
APPROVED BY: Conditions of Approval (if any):	TITLE		DATE
or trhhinteral array).	_		

Submit to Appropriate
District Office
State Lease - 6 copies

State of New Mexico Energy, Minerals and Natural Resources Department

1. 18 19. 190

Form C-105 Revised 1-1-89

Fee Lease - 5 copies				Y = 1 = 1 = 1 = 1 = 1 = 1 = 1	TART	DIVITA	TA	, w	ELL API NO.			
DISTRICT I P.O. Box 1980, Hobbs,	NM 88240	OI	L CONS	SERVAT 2040 South P		DIVE	SIUI	30	-025-36988			
DISTRICT II 811 South First, Artes	ia, NM 8821	o	Santa F	Fe, New M		o 87505	5	5	. Indicate Type		ATE 🛛	FEE
DISTRICT III 1000 Rio Brazos Rd., A	zteć, NM 87	/410		•				Įv.	State Oil & Gas -5860			
WELL C	OMPLET	ION OR F	ECOMPLI	TION REP	ORT A	ND LO	}					
1. Type of Well: OIL WELL		WELL [DRY 🗌	OTHER				7	. Lease Name	or Unit Agr	eement Name	
b. Type of Completion	:											
WELL WORK	Deep	en BA		RESVR OTI	1ER			Т-	Rex State			
2. Name of Operator									. Well No.			
Mack Energy Corpo				. <u> </u>				$\frac{1}{2}$. Pool name o	- Wildon		
3. Address of Operator P.O. Box 960, Artes		211-0960						1	Ialjamar GB			
4. Well Location Unit Letter	<u>H</u> :	1980 F	ect From The	Nor	th _.	Line ar	nd	660	Feet Fr	om The	East	Line
Section	31	т	ownship	16S	Range	3:	3E	NM	РМ	Lea		County
10. Date Spudded	11. Date TI	Reached	12. Date C	Compl. (Ready to	Prod.)	13.	Elevation	ons (DF d	RKB, RT, GR	, etc.)	14. Elev. Casi	inghead
2/23/2005	3/1	5/2005	1 621 1 1	3/30/2005	· " '		1,27 + 11	425	3' RKB		42	37'
15. Total Depth	16.	Plug Back TI		17. If Multiple Con Many Zones?	ıpl. How			tervals	Rotary Tools		Cable Tool	5
4667		464		·				The Dy	Y		<u> </u>	
19. Producing Interval(s 4354-4399', GB/SA), of this con	ipletion - Top	, Bottom, Nam	e					2	0. Was Dire	ctional Survey Yes	/ Made
21. Type Electric and O	_								22. Was We	ll Cored		
Gamma Ray, Neutro	n, Density	, Lateralog,	Spectral Ga	mma Ray					<u> </u>		No ·	
23.		C	ASING R	ECORD (F	lenori	all stri	ngs s	et in w	vell)			
CASING SIZE	WEIG	HT LB./FT		TH SET		OLE SIZE			ENTING R	ECORD	AMOL	INT PULLED
13 3/8		48		337		17 1/2			1050 sx	20.21		None
9 5/8		40	4	644		12 1/2			2175,58	29 30 31		None
									100 M		100	
· · · · · · · · · · · · · · · · · · ·									-/ \(\sqrt{\sq}\}}}}}}}}}}}} \sqrt{\sq}}}}}}}}}}}}} \sqite\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}} \sqrt{\sqrt{\sq}}}}}}}} \sqrt{\sqrt{\sqrt{\sqrt{\sq}\exi\qarigin{\sqrt{\sqrt{\sinq}}}}}}}}}} \sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}} \sqrt{\	<u>ए</u>	20	\
24.			NED DEC						124	18 9 .		
SIZE	TOP		NER RECO					25.	- ! * ^ 	BING RE		
SILE	101		BOTTOM	SACKS CEI	MENT	SCRE	EN		27/81	DERTI	1SEI O	PACKER SET
					 			+	2 1/03		15 74	
26. Perforation reco	rd (interv	size and	l number)		<u></u> 1	27 40	ID S	HOT E	RACTURE	CEMEN	ــــــــــــــــــــــــــــــــــــــ	EZE ETC
Control de la co	ra (III.ci v	it, size, air	i iluliioci j			DEPTH					ND MATERI	
	435	4-4399', .4	5, 30			4354-43			1000 gals			
		•				4354-43					30,000 gal	s 40# gel
											<u> </u>	· ·
28.				PRODU	CTIO	N						
Date First Production		Produ	ction Method (Flowing, gas lij	-	-	d type p	nump)		Well St	atus (Prod. or	Shut-in)
4/4/2005		<u>L</u>			2 x 24						Producir	ıg
Date of Test	Hours Te		Choke Size	Prod'n For Test Perio		Dil - Bbl.		Gas - MC	CF V	/ater- Bbl.	G	as - Oil Ratio
4/22/2005 Flow Tubing Press.		hours	Calculated 2			6		tstrr		11	<u> </u>	
Frow 1 doing Fress.	Casing Pi	essure	Hour Rate	4- Oil - Вы.		Gas - M	icr	11	ter- Bbl.	Oil Gra	avity - API - (Corr.)
29. Disposition of Gas (3 N/A	Sold, used for	fuel, vented,	etc.)						Test W	tnessed By	ert C. Chase	
30. List Attachments										1000	C. Chase	
Deviation Survey an												
31. I hereby certify th	at the infor	mation show	n on both sid	es of this form	is true	and comp	lete to	the best	of my knowle	edge and be	elief Z	
Signature	ny le	1. She		Printed	Jerry \	W. Sherre	11	Title	Product	ion Clerk	Date :	5/20/2005
			· · · · · ·									

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

T Anhv		Southeaste	T. Canyon	T. Oin A	lamo _		T. Penn. "B"	
T Salt			T. Canyon	T. Kirtla	nd-Fruitl	land	T. Penn. "C"	
B. Salt			T. Suawii	T. Pictur	red Cliffs		T. Penn. "D"	
T. Yates_		2688	T. Miss	T. Cliff	House		T. Leadville	
T. 7 Rive		3013	T. Devonian	T. Mene	fee		T Madison	
T. Queen		3634	T. Silurian	T. Point	Lookout		T Elbert	
T. Queen T. Graybu			T. Silurian	T. Manc	oc Cookout		T McCracken	
T. Graybi T. San An	-	4414	T. Montoya T. Simpson	T. Maile			T. Ignacio Otzte	
			1. Simpson	Paca Cr	eenhorn		T. Granite	
T. Daddee	.a		T. McKee					
T. Paggoo	.K		T. Ellenburger	T. Morri	ison		T	
			T. Gr. Wash	T. Mont	to 31		T.	
			T. Delaware Sand	T. Foton	do		T.	
			T. Bone Springs					
			T				T	
							T	
T. Penn_		~`	T				T	
T. Cisco ((Bough (ري	T	1. Penn	"A"		T	
			OIL OR	gas sands c	R ZON	ES		
No. 1, fro	m		to	No.3	from.		toto	
No. 2, fro	m		to	No. 4	i, from .:		to	
			IMPORT	ANT WATER	SAND	S		
Include d	ata on ra	ate of water i	nflow and elevation to which w	ater rose in hole.				
			nflow and elevation to which w			feet		
No. 1, fro	m		·····to·····					
No. 1, fro No. 2, fro	om		toto	••••••	• • • • • • • • • • • • • • • • • • • •	feet		
No. 1, fro No. 2, fro	om		tototo		•••••••	feet	•••••	
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No. 1, fro No. 2, fro	om	Thickness	tototo		•••••••	feet	cessary)	
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No. 1, fro No. 2, fro No. 3, fro	om om	Thickness	LITHOLOGY RECORI	D (Attach add	itional	feetsheet if nec	cessary)	
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No. 1, fro No. 2, fro No. 3, fro	om om	Thickness	LITHOLOGY RECORI	D (Attach add	itional	feetsheet if nec	cessary)	
No. 1, fro No. 2, fro No. 3, fro	om om	Thickness	LITHOLOGY RECORI	D (Attach add	itional	feetsheet if nec	cessary)	
No. 1, fro No. 2, fro No. 3, fro	om om	Thickness	LITHOLOGY RECORI	D (Attach add	itional	feetsheet if nec	cessary)	
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No. 1, fro No. 2, fro No. 3, fro	om om	Thickness	LITHOLOGY RECORI	D (Attach add	itional	feetsheet if nec	cessary)	
No. 1, fro No. 2, fro No. 3, fro	om om	Thickness	LITHOLOGY RECORI	D (Attach add	itional	feetsheet if nec	cessary)	
No. 1, fro No. 2, fro No. 3, fro	om om	Thickness	LITHOLOGY RECORI	D (Attach add	itional	feetsheet if nec	cessary)	
No. 1, fro No. 2, fro No. 3, fro	om om	Thickness	LITHOLOGY RECORI	D (Attach add	itional	feetsheet if nec	cessary)	
No. 1, fro No. 2, fro No. 3, fro	om om	Thickness	LITHOLOGY RECORI	D (Attach add	itional	feetsheet if nec	cessary)	
No. 1, fro No. 2, fro No. 3, fro	om om	Thickness	LITHOLOGY RECORI	D (Attach add	itional	feetsheet if nec	cessary)	
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No. 1, fro No. 2, fro No. 3, fro	om om	Thickness	LITHOLOGY RECORI	D (Attach add	itional	feetsheet if nec	cessary)	

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. Ist Street Arlesia, NM 88210-1404
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico Energy, Minerals & Natural Resources Department Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Coples

OIL CONSERVATION DIVISION PO Box 2088

District IV O Box 2088, Santa	r Fc. NM 87504-7	, 2088	·	Santa F	e, N	IM 87	504-	2088				AME	ENDED REPORT
i.			FOR AJ	LLOWAF	BLE	AND	<u>AU</u>	THORI	ZAT	ION TO TR			
		Op	perator Name	and Address	s						OGRID		
		MAUNE	ENERGY (P.O. BO			To.			ł	R	eason for	Filing	Code
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	PI Number		·		_	Postriy Maljama	Yahin Yahin	BE, BEE		FO IN THE	T	Po	ool Code
	025-36988 operty Code	-+				Maljama Property	v Nan	SPOW "	A C	<u> </u>	+		43329 ell Number
	34450						x Stat	te	rov!	OO NOT COUNTY			_1
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Lease Code	Producing	g Method Code	e Gas Co	onnection Dat	te	C-129	Permu	it Number] '	C-129 Effective D	rate	C-12	29 Expiration Date
III. Oil	and Gas	P s Transpo							Т_				
Transporte	ter		Transporter Nan and Address			T	POD	,—	O/G	T	POD ULST	TR Locat	
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IV. Prod	luced Wa	atcr				.PĆ	און מס	ern Locat	ion and	Description (S)		:: <u>3</u>	0,7/
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				2 7/8		_			4413				
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VI. Well	I Test Da	ata	Date				_						
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Title:		Production	. Sherrell			—-∦-		oval Date:	M O	1 2005 401	PUED	WEB	BINEER
Date:	5/20/2		Phone:	(505)748	8-128			Van Da.					7754
If this is a ch		tor fill in the OGI	iRID number an				==	Name:			-	OGRID	#:
 	Previous (Operator Signatus	ште		Print	ed Name				Title			Date
						_							

PO Box 1980, Hobbs, NM 88241-1980

811 S. 1st Street Artesia, NM 88210-1404

1000 Rio Brazos Rd, Aztec, NM 87410

District IV

State of New Mexico Energy, Minerals & Natural Resourses Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-101 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office

State Lease - 6 Copies Fee Lease - 5 Copies

AMENDED REPORT PO Box 2088, Santa Fe, NM 87504-2088 APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE OGRID Number Operator Name and Address **Mack Energy Corporation** 013837 P.O. Box 960 API Number Artesia, NM 88211-0960 30-025-36988 Property Code Property Name Well No. 34450 T-Rex State Surface Location Feet from the North/South line UL or lot no. Section Township Range Lot Idn Feet from the East/West line County 33E 1980 North 660 East Lea H 31 16**S** Proposed Bottom Hole Location If Different From Surface Lot Idn Feet from the North/South line Feet from the UL or lot No. Section Township Proposed Pool 1 Prop 8 Maljamar Morrow ū Work Type Code Well Type Code Cable/Rotary Lease Type az D S Formation Proposed Depth Multiple Contractor No 13,700 Morrow 6/30/2005 **Proposed Casing and Cement Program** Setting Depth Hole Size Casing Size Casing weight/foot Sacks of Cement **Estimated TOC** 17 1/2 13 3/8" 48 337 1050 sx Circulated 12 1/4 9 5/8" 40 4644 2175 sx Circulated 7 7/8 5 1/2" 17 13,700 2500 sx Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. Mack Energy Corporation proposes to Deepen the T-Rex State #1 to a depth of 13,700' log well and evaluate the Morrow formation, run 5 1/2 casing and cement. Put well on production. This well was recently drilled to a TD of 4667' and is now producing from the Maljamar GB SA formation. The existing perfs will be squeezed off with cement. The existing drilling pit will be used to deepen this well. Permit Expires 1 Year From Approval Date Unless Dritting Underway Deepen I hereby certify that the information given above is true and complete to the best OIL CONSERVATION DIVISION of my knowledge and belief Signature Approval by: Printed name: Title: Jerry W. Sherrell _eum engineer Title: Approval Date: **Expintion Date** Production Clerk Date: Conditions of Approval: Attached [6/20/2005 (505)748-1288

State of New Mexico

DISTRICT I 1625 N. PRENCH DR., HOBBS, NW 88240

Energy, Minerals and Natural Resources Department

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NW 88210

Form C-102 Revised JUNE 10, 2003 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe. New Mexico 87505

DISTRICT IV 1220 S. ST. FRANCE DR., SANTA FE, NM 67505	WELL LOCATION AND	ACREAGE DEDICATION PLAT	AMENDED REPORT
API Number	Pool Code	Pool Name	
30-025-36988	80945	Maljamar;Mori	ow
Property Code 34450	_	erty Name X STATE	Well Number
OGRID No. 013837		ator Name Y CORPORATION	Elevation 4239

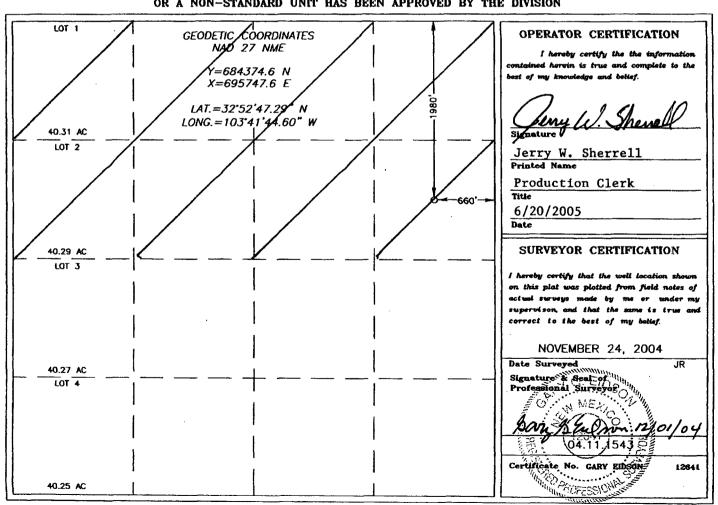
Surface Location

-	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	н	31	16-S	33-E		1980	NORTH	660	EAST	LEA

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	Rest/West line	County
Dedicated Acres	Joint o	r Infill	Consolidation (ode Or	der No.				
320	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



Subtitit 3 Copies To Appropriate District Office	State of New Mexico		Form C-103	
District I 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natural Resources		WELL API NO.	
District 11 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION 1220 South St. Francis Dr.		30-025-36988	
District III			5. Indicate Type of Lease STATE FEE	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505		6. State Oil & Gas Lease No.	
1220 S. St. Francis Dr., Santa Fe, NM 87505			V-5860	
SUNDRY NOTICES AND REPORTS ON WELLS			7. Lease Name or Unit Agreement Name	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH			T-Rex State	
PROPOSALS.)			8. Well Number 1	
1. Type of Well: Oil Well Gas Well Other 2. Name of Operator			9. OGRID Number	
Mack Energy Corporation			013837	
3. Address of Operator			I 0. Pool name or Wildcat	
P. O. Box 960 Artesia, NM 88211-0960			Maljamar Morrow	
4. Well Location Unit Letter H	1980 feet from the	North line and	660 feet fro	om the East line
Section 31	Township 16S	Range 33E	NMPM	County Lea
SE BURELLE WALLE	I 1. Elevation (Show whether	DR, RKB, RT, GR, etc.		
Pit or Below-grade Tank Application or Closure				
Pit type Depth Groundwater Distance from nearest fresh water well Distance from nearest surface water				
Pit Liner Thickness: mi				
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data				
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK REMEDIAL WORK ALTERING CASING REMEDIAL WORK REMEDI				
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS PAND A COMMENCE DRI				
PULL OR ALTER CASING	= = = = = = = = = = = = = = = = =	CASING/CEMEN		
			•	dtring 111
OTHER:	nleted operations (Clearly state		n and cement long	
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.				
06/24/2005 Set packer @ 4146', Squeeze w/100 sx C w/fluid loss, 100 sx Class C, 2% CC.				
08/03/2005 Test BOP to 5000#, spud 8 3/4" hole @ 4660'.				
09/20/2005 TD hole @ 13,840'.				
09/24/2005 Ran 339 joints HCP-110 & L-80 17# 5 1/2" casing set @ 13,840', Cemented w/1260 sx Class H, 1% FL62, .6%				
BA-10A, .5% CD32, .25% R3, circ 150 sx off DV Tool, 2nd Stage w/1560 sx 35/65/6 H, 3# salt, 1/4# CF, 1/4% FL52, tail in w/200 sx Class H, 3# salt, 1/4# CF, circ 200 sx, plug down @ 8:50 PM.				
W200 8A CH255 11, 5W Salt, 174W C1, CHC 200 3A, plug down to 0.50 1 M.				
				0021323
				r i "Na
				6 S
	•			
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines a general permit or an (attached) alternative OCD-approved plan				
SIGNATURE Genyl	1 (1. 11)	E Production Clerk		DATE_11/23/2005
Type or print name Jerry W. Shen	rell E-mail	address: jerrys@mack	energycorp.com	Telephone No. (505)748-1288
For State Use Onl	2 Hash			receptione (vo.
	24.1	PETDALFI	IN THINITE	DATEOV 2 8 2005
APPROVED BY: Conditions of Approval (if any):	TITL	E LEIMOLE!	JM ENGINEER	DATE ~ CUUJ