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

1 40.31 CS V05860 0001 CAZA ENERGY LLC 07/01/05	C 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05	B 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05	A 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05
2 40.29 CS V05860 0001 CAZA ENERGY LLC 07/01/05 A	F 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05	G 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05 A	H 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05 A
3 40.27 CS V05860 0001 CAZA ENERGY LLC 07/01/05	K 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05 A A	J 40.00 CS VB0544 0001 ROBERT E LANDRETH 07/01/05	I 40.00 CS VB0818 0000 FEATHERSTONE DEVE 12/01/10 A
4 40.25 CS V05860 0001 CAZA ENERGY LLC 07/01/05	N 40.00 CS V05860 0001 CAZA ENERGY LLC 07/01/05	O 40.00 CS VB0544 0001 ROBERT E LANDRETH 07/01/05 A	P 40.00 CS VB0544 0001 ROBERT E LANDRETH 07/01/05 A

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

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 non-standard 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 quarter-quarter 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

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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

S E A L

esr/

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 11th 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.

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

(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

S E A L

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

esr/

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

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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.

X (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

X (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

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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

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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

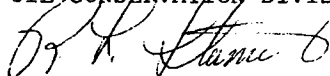
IT IS FURTHER ORDERED THAT:

(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 herein-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



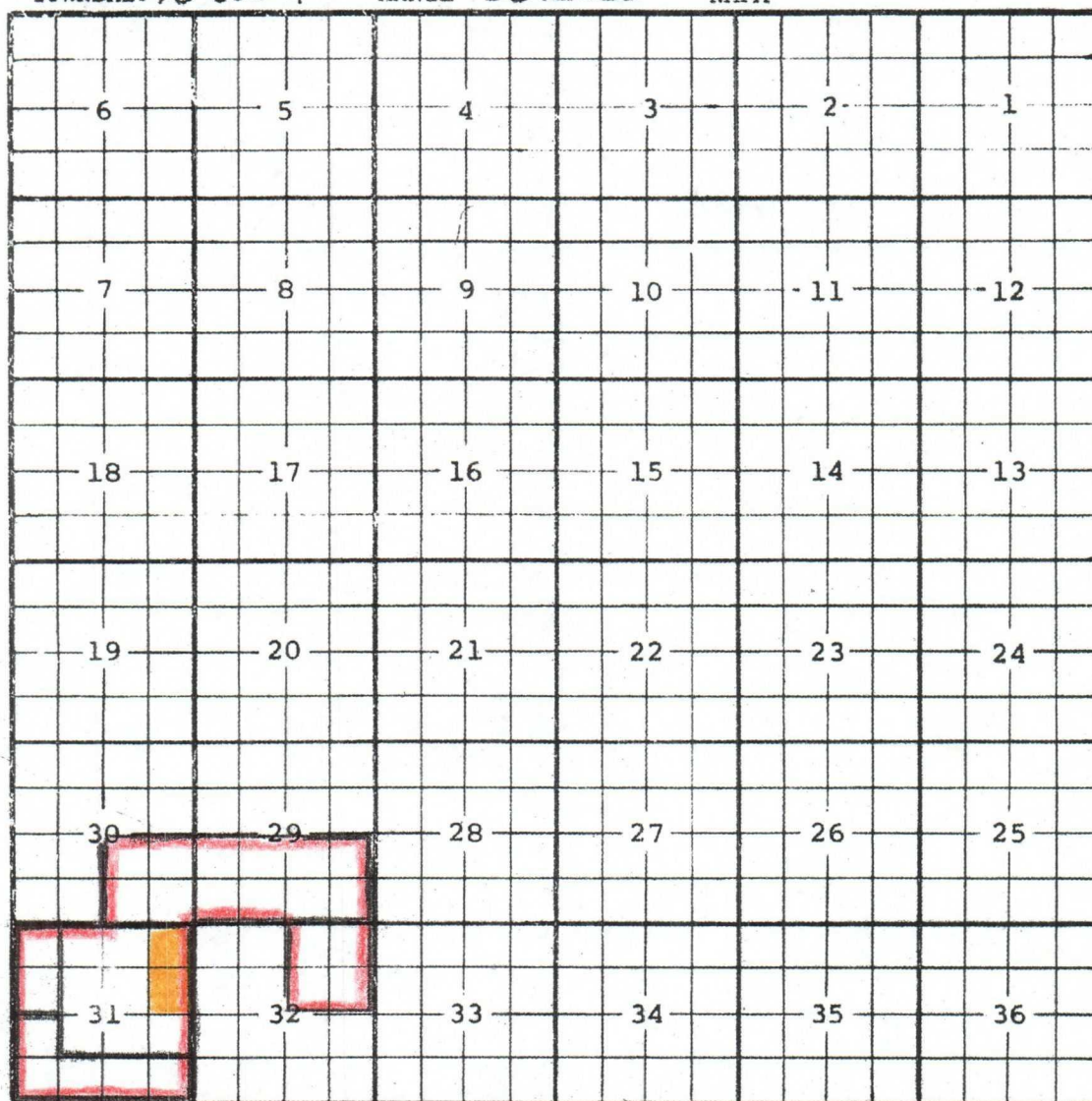
R. L. STAMETS
Director

S E A L

fd/

COUNTY LeaPOOL West KemnitzWolfcampTOWNSHIP 16 SouthRANGE 33 East

NMPM



Description: $NE\frac{1}{4}$, $E\frac{1}{2}$, $NW\frac{1}{4}$, $NE\frac{1}{4}SW\frac{1}{4}$ & $N\frac{1}{2}SE\frac{1}{4}$ Sec. 31 (R-4559 9-4-63)

Vertical limits: 10,675' to 10,820' on log of the Apache Corporation
^{North}Maljamar State Unit Well #1, G-31-165-33E.

Ext: $W\frac{1}{2}$, $NW\frac{1}{4}$ Sec. 31 (R-2879, 4-1-65) - $S\frac{1}{2}$, $S\frac{1}{2}$ & $NW\frac{1}{4}SW\frac{1}{4}$ Sec. 31 (R-2967, 10-1-65)

Ext: $\frac{3}{2}$ Sec 29, $S\frac{1}{4}$ Sec 30 (R-5626, 2-1-78). Ext: $NE\frac{1}{4}$ Sec 32 (R-5729, 6-1-78)

Extend vertical limits to include upper Wolfcamp formation and
 redesignate as West Kemnitz Wolfcamp Pool (R-8041, 10-3-85).

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Ave., Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St Francis Dr., Santa 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-101
Permit 3156

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address MACK ENERGY CORP PO Box 960 Artesia, NM 88211-0960		OGRID Number 13837
		API Number 30-025-36988
Property Code 34450	Property Name T-REX STATE	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	31	16S	33E	H	1980	N	660	E	Lea

Proposed Pools

MALJAMAR, MORROW (GAS) 80945

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 4237
Multiple N	Proposed Depth 13700	Formation Morrow	Contractor	Spud Date 12/15/2004

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	350	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

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	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. Grand Ave., Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St Francis Dr., Santa 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 Name MACK ENERGY CORP	Elevation 4237

Surface And Bottom Hole Location

UL or Lot H	Section 31	Township 16S	Range 33E	Lot Idn H	Feet From 1980	N/S Line N	Feet From 660	E/W Line E	County Lea
Dedicated Acres 320.6		Joint or Infill		Consolidation 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

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

SUNDRY NOTICES AND REPORTS ON WELLS (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 PROPOSALS.)		WELL API NO. 30-025-36988
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Mack Energy Corporation		6. State Oil & Gas Lease No. V-5860
3. Address of Operator P. O. Box 960 Artesia, NM 88211-0960		7. Lease Name or Unit Agreement Name T-Rex State
4. Well Location Unit Letter <u>H</u> <u>1980</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>31</u> Township <u>16S</u> Range <u>33E</u> NMPM County <u>Lea</u>		8. Well Number <u>1</u>
I 1. Elevation (Show whether DR, RKB, RT, GR, etc.) 4237' GR		9. OGRID Number 013837
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Maljamar GB SA
Pit type _____ Depth Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Spud and cement casings ☒

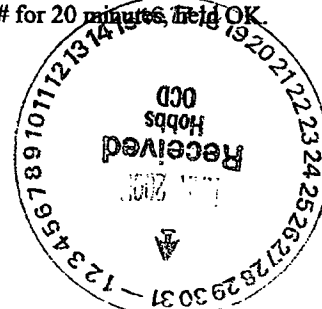
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

02/23/2005 Spud 17 1/2" hole @ 9:00 PM.

02/25/2005 TD 17 1/2" hole @ 353', RIH w/8 joints 13 3/8" H-40 48# set @ 337', Cemented w/700 sx Neat C, tail in w/350 sx Class C, 2% CC, circ 300 sx, plug down @ 3:00 PM 2/24/05. WOC 18 hours tested casing to 1800# for 30 minutes, held OK.

03/12/2005 TD 12 1/4" hole @ 4667'.

03/14/2005 RIH w/102 joints 9 5/8" J-55 40# set @ 4644', Cemented w/1675 sx 35-65-6, 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. WOC 12 hours tested casing to 600# for 20 minutes, held OK.



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 Jerry W. Sherrell TITLE Production Clerk DATE 3/30/2005

Type or print name Jerry W. Sherrell E-mail address: jerrys@mackenergycorp.com Telephone No. (505)748-1288
For State Use Only

APPROVED BY: Gary W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER
Conditions of Approval (if any): _____

DATE APR 04 2005

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1025 N. FRANCIS DR., SHELTON, NM 87440

DISTRICT II

1301 E. GRAND AVENUE, ALBUQUERQUE, NM 87102

DISTRICT III

1000 E. BRUNSON RD., AZTEC, NM 87410

DISTRICT IV

1025 N. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION

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

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36988	Pool Code 43329	Pool Name Maljamar GB SA
Property Code 34450	Property Name T-REX STATE	Well Number 1
OGHD No. 013837	Operator Name MACK ENERGY 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
H	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	East/West line	County
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			

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

LOT 1	GEODETIC COORDINATES NAD 27 NME Y=684374.6 N X=695747.6 E LAT.=32°52'47.29" N LONG.=103°41'44.60" W		
40.31 AC LOT 2			
40.29 AC LOT 3			
40.27 AC LOT 4			
40.25 AC			

OPERATOR CERTIFICATION

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

Jerry W. Sherrell
Signature

Jerry W. Sherrell
Printed Name

Production Clerk
Title

6/1/2005
Date

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.

NOVEMBER 24, 2004

Date Signed

James G. Edison
Signature

Professional Surveyor
Title

NEW MEXICO
Professional Surveyor
No. 9411.1543
Certificate

12841

REFERENCE SHEET FOR
UNDESIGNATED WELLS

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

paragraph

1. Date:	5/25/2005
2. Type of Well:	
Oil:	XX
Gas:	
3. County:	LEA

4. Operator:	MACK ENERGY CORP		API NUMBER:	30 - 025 - 36988
5. Address of Operator	PO BOX 960 ARTESIA NM 88211-0960			
6. Lease name or Unit Agreement Name	T-REX STATE		7. Well Number	# - 1
8. Well Location	Unit Letter: H 1980 feet from the N line and 660 feet from the E line Section 31 Township 16S Range 33E			

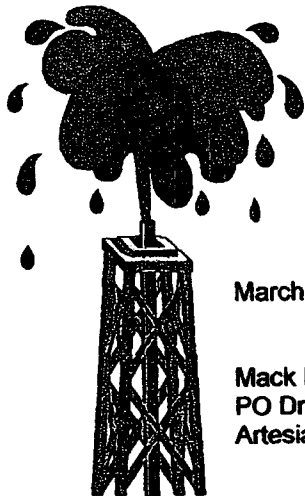
9. Completion Date:	4/4/2005	11. Perfs	Top	4354	Bottom	4399
10. Name of Producing Formation(s)	12. Open Hole Casing shoe		PBTD or TD Open Hole		4667	

13. C-123 Filed:	Date	15. Name of Pool Requested:	Pool ID num
Y	N	XX	MALJAMAR;GRAYBURG-SAN ANDRES
			43329

16. Remarks:	EXTEND
--------------	--------

TO BE COMPLETED BY DISTRICT GEOLOGIST		
17. Action taken	18. Pool Name	Pool ID num
EXTEND	MALJAMAR;GRAYBURG-SAN ANDRES	43329
<p>T 16 S, R 33 E</p> <p>SEC 31: E/2</p> <p>SEC 32: SW/4</p> <p>T 17 S, R 33 E</p> <p>SEC 5: NW/4</p>		

19. Advertised for HEARING:	20. Case Number
21. Name of pool for which was advertised:	Pool ID num
MALJAMAR;GRAYBURG-SAN ANDRES	43329
22. Placed in Pool	23. By order number
	R-



Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors
PO Box 1370 Artesia, NM 88211-1370
505/746-6651 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.

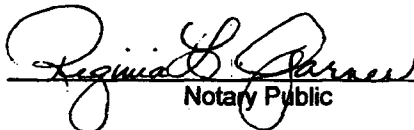
DEPTH	DEVIATION	DEPTH	DEVIATION
246'	1/2°	2377'	1°
340'	1/4°	2597'	1°
500'	1/4°	2871'	1 1/4°
800'	3/4°	3150'	1/2°
1091'	3/4°	3429'	3/4°
1472'	3/4°	3871'	1/2°
1909'	1°	4340'	1°
		4667'	1°

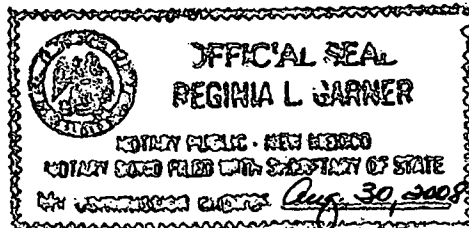
Very truly yours,


Eddie C. LaRue
Vice President

STATE OF NEW MEXICO
COUNTY OF EDDY

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


Regina L. Garner
Notary Public



05-1319

Serving Southeast New Mexico and West Texas Since 1974

KZ

Substitit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-36988
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-5860
7. Lease Name or Unit Agreement Name T-Rex State
8. Well Number 1
9. OGRID Number 013837
10. Pool name or Wildcat Maljamar GB SA

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: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

SUNDRY NOTICES AND REPORTS ON WELLS
(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
PROPOSALS.)

1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>
2. Name of Operator Mack Energy Corporation
3. Address of Operator P. O. Box 960 Artesia, NM 88211-0960
4. Well Location Unit Letter <u>H</u> <u>1980</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>31</u> Township <u>16S</u> Range <u>33E</u> NMPM County <u>Lea</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4237' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: Completion <input checked="" type="checkbox"/>
---	--

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.

03/26/2005 Perforated from 4354'-4399' 30 holes.

03/28/2005 Acidized w/1000 gals 15% NEFE. Frac w/31,840# 16/30 sand, 30,000 gals 40# gel.

03/30/2005 RIH w/145 joints 2 7/8" tubing SN @ 4413', RIH w/2 1/2x2x24' pump.



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 Jerry W. Sherrell TITLE Production Clerk DATE 5/20/2005

Type or print name Jerry W. Sherrell E-mail address: jerrys@mackenergycorp.com Telephone No. (505)748-1288
For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE JUN 01 2005
Conditions of Approval (if any):

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-025-36988
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-5860

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. Lease Name or Unit Agreement Name T-Rex State	
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> Deepen <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____		8. Well No. 1	
2. Name of Operator Mack Energy Corporation		9. Pool name or Wildcat Maljamar GB SA	
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960			
4. Well Location Unit Letter <u>H</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>31</u> Township <u>16S</u> Range <u>33E</u> NMPM <u>Lea</u> County			
10. Date Spudded 2/23/2005	11. Date TD Reached 3/15/2005	12. Date Compl. (Ready to Prod.) 3/30/2005	13. Elevations (DF & RKB, RT, GR, etc.) 4253' RKB
14. Elev. Casinghead 4237'			
15. Total Depth 4667	16. Plug Back TD 4644	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools Yes Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 4354-4399', GB/SA			20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray			22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	337	17 1/2	1050 sx	None
9 5/8	40	4644	12 1/2	2175 293031	None

LINER RECORD					25. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8	4413

26. Perforation record (interval, size, and number) 4354-4399', .45, 30	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 4354-4399' 4354-4399' AMOUNT AND KIND MATERIAL USED 1000 gals 15% NEFE 31,840# 16/30 sand, 30,000 gals 40# gel
--	---

28. PRODUCTION							
Date First Production 4/4/2005		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 2 x 24' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 4/22/2005	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 6	Gas - MCF tstm	Water- Bbl. 11	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 6	Gas - MCF tstm	Water- Bbl. 11	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) N/A						Test Witnessed By Robert C. Chase	

30. List Attachments

Deviation Survey and Logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Jerry W. Sherrell Printed Name Jerry W. Sherrell Title Production Clerk Date 5/20/2005

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2688	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3013	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3634	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4063	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4414	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

No. 1, from to
No. 2, from to
No. 3, from to
No. 4, from to

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.....
 No. 2, from to feet.....
 No. 3, from to feet.....

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street Artesia, NM 88210-1404
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88211-0960		OGRID Number 013837
Reason for Filing Code NW		Pool Code 43329
API Number 30-025-36988	Property Name Maljamar	Well Number 1
Property Code 34450	T-Rex State	

II. Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
H	31	16S	33E		1980	North	660	East	Lea

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County	
S	P									
Lease Code		Producing Method Code		Gas Connection Date		C-129 Permit Number		C-129 Effective Date		C-129 Expiration Date

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
015694	Navajo Refining P.O. Box 159 Artesia, NM 88211-0159	0104093	O	Unit H, Sec. 31 T16S R33E
		0104094	G	Unit H, Sec. 31 T16S R33E

IV. Produced Water

POD	POD ULSTR Location and Description
0104095	Unit H, Sec. 31 T16S R33E

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations
2/23/2005	3/30/2005	4667	4644	4354-4399'
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	
17 1/2	13 3/8	337	1050 sx	
12 1/4	9 5/8	4644	2175 sx	
	2 7/8	4413		

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
4/4/2005	N/A	4/22/2005	24 hours		
Choke Size	Oil	Water	Gas	AOF	Test Method
6		11	tstm		P

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature: *Jerry W. Sherrell*

Printed name: **Jerry W. Sherrell**

Title: **Production Clerk**

Date: **5/20/2005**

Phone: **(505)748-1288**

OIL CONSERVATION DIVISION

Approved by: *[Signature]*

Title: **ENGINEER**

Approval Date: **JUN 01 2005**

If this is a change of operator fill in the OGRID number and name of the previous operator.

Name:

OGRID #:

Previous Operator Signature

Printed Name

Title

Date

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street Artesia, NM 88210-1404
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources 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

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		OGRID Number 013837
		API Number 30-025-36988
Property Code 34450	Property Name T-Rex State	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	31	16S	33E		1980	North	660	East	Lea

Proposed 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	East/West line	County
Proposed Pool 1 Maljamar Morrow					Proposed Pool 2				

Work Type Code E D	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 4237.68
Multiple No	Proposed Depth 13,700	Formation Morrow	Contractor	Valid Date 6/30/2005

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	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	0

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 Drilling Underway
Deepen

I hereby certify that the information given above is true and complete to the best of my knowledge and belief Signature <i>Jerry W. Sherrell</i> Printed name: Jerry W. Sherrell Title: Production Clerk Date: 6/20/2005		Phone: (505)748-1288		OIL CONSERVATION DIVISION Approval by: <i>[Signature]</i> Title: PETROLEUM ENGINEER Approval Date: JUN 23 2005 Exption Date Conditions of Approval: Attached <input type="checkbox"/>	
---	--	----------------------	--	--	--

DISTRICT I

1625 N. FRENCH DR., HOBBBS, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

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

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36988	Pool Code 80945	Pool Name Maljamar;Morrow
Property Code 34450	Property Name T-REX STATE	Well Number 1
GRID No. 013837	Operator Name MACK ENERGY 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
H	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	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

<p>LOT 1 40.31 AC</p> <p>LOT 2 40.29 AC</p> <p>LOT 3 40.27 AC</p> <p>LOT 4 40.25 AC</p> <p>GEODETIC COORDINATES NAD 27 NME Y=684374.6 N X=695747.6 E LAT.=32°52'47.29" N LONG.=103°41'44.60" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Jerry W. Sherrell</i> Signature</p> <p>Jerry W. Sherrell Printed Name</p> <p>Production Clerk Title</p> <p>6/20/2005 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>NOVEMBER 24, 2004</p> <p>Date Surveyed JR</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>GARY EIDSON</i> 12/01/04</p> <p>Certificate No. GARY EIDSON 12841</p>

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

May 27, 2004

<p>SUNDRY NOTICES AND REPORTS ON WELLS (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 PROPOSALS.)</p>		<p>WELL API NO. 30-025-36988</p>
<p>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></p>
<p>2. Name of Operator Mack Energy Corporation</p>		<p>6. State Oil & Gas Lease No. V-5860</p>
<p>3. Address of Operator P. O. Box 960 Artesia, NM 88211-0960</p>		<p>7. Lease Name or Unit Agreement Name T-Rex State</p>
<p>4. Well Location Unit Letter <u>H</u> <u>1980</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>31</u> Township <u>16S</u> Range <u>33E</u> NMPM County <u>Lea</u></p>		<p>8. Well Number <u>1</u></p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4237' GR</p>		<p>9. OGRID Number 013837</p>
<p>Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/></p>		<p>10. Pool name or Wildcat Maljamar Morrow</p>
<p>Pit type <u> </u> Depth Groundwater <u> </u> Distance from nearest fresh water well <u> </u> Distance from nearest surface water <u> </u></p>		
<p>Pit Liner Thickness: <u> </u> mil Below-Grade Tank: Volume <u> </u> bbls; Construction Material <u> </u></p>		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/></p> <p>OTHER: <u> </u> <input type="checkbox"/></p>		<p>SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/></p> <p>CASING/CEMENT JOB <input type="checkbox"/></p> <p>OTHER: <u>Deepen and cement long string</u> <input checked="" type="checkbox"/></p>	
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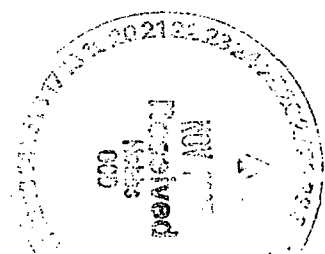
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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.



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 Jerry W. Sherrell TITLE Production Clerk DATE 11/23/2005

Type or print name Jerry W. Sherrell E-mail address: jerrys@mackenergycorp.com Telephone No. (505)748-1288

For State Use Onl

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE NOV 23 2005

Conditions of Approval (if any):