

District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

OCT 19 1999

OIL CONSERVATION DIVISION

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960						OGRID Number 013837	
Contact Party Robert C. Chase						Phone (505)748-1288	
Property Name Mohawk Federal					Well Number	API Number 30-015-30630	
UL M	Section 14	Township 17S	Range 30E	Feet From The 990	North/South Line South	Feet From The 330	East/West Line West County Eddy, NM

II. Date/Time Information

Spud Date 6/26/99	Spud Time 5:00 pm	Date Completed 7/23/99	Pool Loco Hills Paddock
----------------------	----------------------	---------------------------	----------------------------

III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of New Mexico)

County of Eddy)

ss.

Robert C. Chase, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature [Signature] Title Vice President Date 8/16/99

SUBSCRIBED AND SWORN TO before me this 16th day of August, 1999

My Commission expires 12-9-99

[Signature]
Notary Public

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature	Title	Date
-----------	-------	------

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOPERATOR'S COPY
SUBMIT IN DUPLICATE*
(If other in-
formation on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 19915. LEASE DESIGNATION AND SERIAL NO.
LC-055259

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Mohawk Federal #1

9. API WELL NO.

30-015-30630

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec 14 T17S R30E

12. COUNTY OR
PARISH
Eddy13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Mack Energy Corporation

3. ADDRESS AND TELEPHONE NO.

P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

990 FSL 330 FWL

At top prod. interval reported below

990 FSL 330 FWL

At total depth

990 FSL 330 FWL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED
6/20/9916. DATE T.D. REACHED
7/7/9917. DATE COMPL. (Ready to prod.)
7/23/9918. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3689 RKB19. ELEV. CASING HEAD
367720. TOTAL DEPTH, MD & TVD
508021. PLUG, BACK T.D., MD & TVD
503122. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BYROTARY TOOLS
Yes

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

4534.5-4829, Paddock

25. WAS DIRECTIONAL
SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

27. WAS WELL CORED
No

28.

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	308	17 1/2	550sx	None
8 5/8	24	1206	12 1/4	650sx	None
5 1/2	15.5	5044	7 7/8	1050sx	None

29.

LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4842	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4534.5-4829, 1/2, 78

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4534.5-4829	2500 gals 15% NE acid
4534.5-4829	32,000 gals 20% NE acid

33.

PRODUCTION

35.

DATE FIRST PRODUCTION 8/7/1999		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 20 RHBC HVR PAP BNC					WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/12/1999	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 105	GAS-MCF. 121	WATER-BBL. 435	GAS-OIL RATIO 1152	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 105	GAS-MCF. 121	WATER - BBL. 435	OIL GRAVITY - API (CORR.) 38		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

C. D. Carter

TITLE

Production Analyst

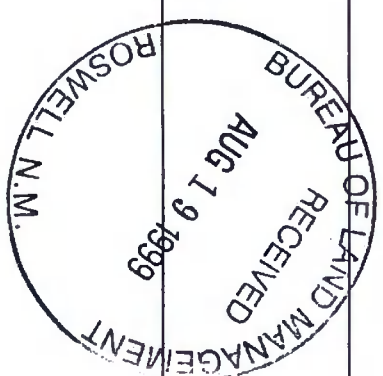
DATE

8/16/1999

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES- (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Loco Hills Paddock	4496	4876	
			

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS.DEPTH	TRUE VERT.DEPTH
Queen	2522	
San Andres	2965	
Glorietta	4425	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Mack Energy Corporation

3. Address and Telephone No.

P.O. Box 960, Artesia, NM 88211-0960 (505)748-1288

4. Location of Well (Footage, Sec., T. R., M. or Survey Description)

Sec-14,T17S-R30E 990 FSL & 330 FWL

5. Lease Designation and Serial No.

LC-055259

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mohawk Federal #1

9. API Well No.

30-015-30630

10. Field and Pool, or Exploratory Area

Loco Hills Paddock

11. County or Parish, State

Eddy, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☒ Altering Casing
☒ Other Surface Casing
- ☒ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

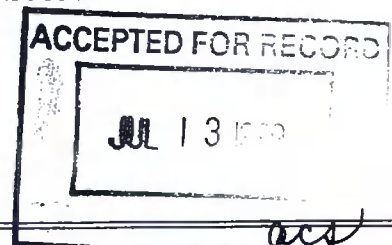
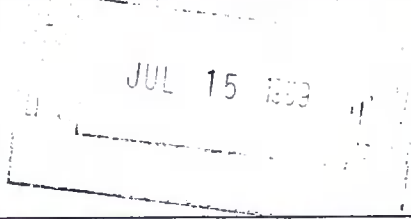
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Mack Energy Corporation is drilling the Mohawk Federal #1 and has encountered a problem with setting surface casing @ 450'. While drilling the 17 1/2" hole, lost circulation at 183', partial returns back at 260' to 455' at TD. Ran 13 3/8" casing to 308' and could not get casing to go any deeper. Called David Glass with the BLM in Roswell and obtained a verbal to set the 13 3/8" casing at 308'.

6/26/1999 Spud 17 1/2" hole @ 5:00PM. Lost circ @ 183'.

6/27/1999 TD 17 1/2" hole @ 453'. RIH w/ 7 joints 13 3/8" K-55 ST&C 48# csg & hit bridge @ 311'. BLM gave permission to Land csg @ 308' & RU BJ c/w 550sx Class C 2% CC. No circ ready mix w/10 yds. Plug down @ 1:30 PM.



14. I hereby certify that the foregoing is true and correct

Signed

Clara D. Carter

Title

Production Analyst

Date

7/8/99

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

•See Instruction on Reverse Side

PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001342	001	J1	01/98	MOHAWK	FEDERAL 1			
				006172	00 THE HOMESTAKE OIL & GAS CO.	.06250000	1 WOR	6/24/99
				999101	00 CHASE OIL CORPORATION	.60937500	1 WOR	6/24/99
				999104	00 RICHARD L. CHASE	.02812500	1 WOR	6/24/99
				999105	00 GERENE DIANNE CHASE CROUCH	.01875000	1 WOR	6/24/99
				999106	00 ROBERT C. CHASE	.04687500	1 WOR	6/24/99
				999107	00 MACK C. CHASE TRUST	.23437500	1 WOR	6/24/99
					TOTAL INTEREST	1.00000000		

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District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-142
Date 06/99

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PLUS 2 COPIES
TO THE SANTA FE
OFFICE

OCT 19 1999

CONSERVATION DIVISION

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960							OGRID Number 013837	
Contact Party Robert C. Chase							Phone (505)748-1288	
Property Name Mohawk Federal						Well Number	API Number 30-015-30630	
U M	Section 14	Township 17S	Range 30E	Feet From The 990	North/South Line South	Feet From The 330	East/West Line West	County Eddy, NM

II. Date/Time Information

Spud Date 6/26/99	Spud Time 5:00 pm	Date Completed 7/23/99	Pool Loco Hills Paddock
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of <u>New Mexico</u>)		ss.
County of <u>Eddy</u>)		
<u>Robert C. Chase</u> , being first duly sworn, upon oath states:		
1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.		
2. To the best of my knowledge, this application is complete and correct.		
Signature: <u>[Signature]</u>	Title <u>Vice President</u>	Date <u>8/16/99</u>
SUBSCRIBED AND SWORN TO before me this <u>16th</u> day of <u>August</u> , 1999		
My Commission expires: <u>12-9-99</u>	<u>[Signature]</u> Notary Public	

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature	Title	Date
-----------	-------	------

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOPERATOR'S COPY
SUBMIT IN DUPLICATE*
(If other information on reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 19916. LEASE DESIGNATION AND SERIAL NO.
LC-055259

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Mohawk Federal #1

9. API WELL NO.

30-015-30630

10. FIELD AND POOL, OR WILLOCAT

Loco Hills Paddock

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 14 T17S R30E

2. NAME OF OPERATOR

Mack Energy Corporation

3. ADDRESS AND TELEPHONE NO.

P.O. Box 960, Artesia, NM 88211-0960

(505) 748-1288

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

990 FSL 330 FWL

At top prod. interval reported below

990 FSL 330 FWL

At total depth

990 FSL 330 FWL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy13. STATE
NM15. DATE SPUDDED
6/20/9916. DATE T.D. REACHED
7/7/9917. DATE COMPL. (Ready to prod.)
7/23/9918. ELEVATIONS (DF, RKB, RT, GR, ETC.)
3689 RKB19. ELEV. CASING HEAD
367720. TOTAL DEPTH, MD & TVD
508021. PLUG, BACK T.D., MD & TVD
503122. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY
→ROTARY TOOLS
Yes

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

4534.5-4829, Paddock

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
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29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4842	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4534.5-4829, 1 1/2, 78

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

Cynthia D. Carter

TITLE

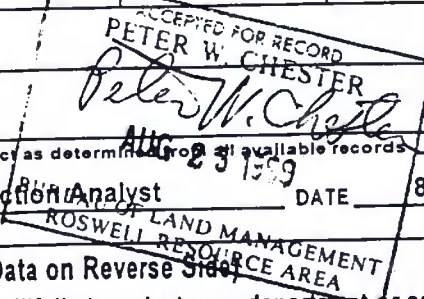
Production Analyst

DATE

8/16/1999

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

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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SUBMIT IN TRIPLICATE

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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Mack Energy Corporation

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4. Location of Well (Footage, Sec., T. R., M. or Survey Description)

Sec-14,T17S-R30E 990 FSL & 330 FWL

5. Lease Designation and Serial No.

LC-055259

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mohawk Federal #1

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30-015-30630

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11. County or Parish, State

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12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

Surface Casing

- ☒ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

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JUL 15 1999

ACCEPTED FOR RECORD

JUL 13 1999

14. I hereby certify that the foregoing is true and correct

Signed

Chris D. Carter

Title

Production Analyst

Date

7/8/99

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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			OWNER SQ OWNER NAME			
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			006172 00 THE HOMESTAKE OIL & GAS CO.	.06250000	1 WOR	6/24/99
			999101 00 CHASE OIL CORPORATION	.60937500	1 WOR	6/24/99
			999104 00 RICHARD L. CHASE	.02812500	1 WOR	6/24/99
			999105 00 GERENE DIANNE CHASE CROUCH	.01875000	1 WOR	6/24/99
			999106 00 ROBERT C. CHASE	.04687500	1 WOR	6/24/99
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			TOTAL INTEREST	1.00000000		

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Oil Conservation Division
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Form C-142
Date 06/99

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V. AFFIDAVIT:

State of New Mexico)

County of Eddy)

ss.

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2. To the best of my knowledge, this application is complete and correct.

Signature [Signature] Title Vice President Date 8/16/99

SUBSCRIBED AND SWORN TO before me this 16th day of August, 1999

My Commission expires: 12-9-99

[Signature]
Notary Public

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

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Signature	Title	Date
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**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

OPERATOR'S COPY
SUBMIT IN DUPLICATE*
(For other in-
formation on
reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ 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 _____				5. LEASE DESIGNATION AND SERIAL NO. LC-055259 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME, WELL NO Mohawk Federal #1 9. API WELL NO. 30-015-30630 10. FIELD AND POOL, OR WILDCAT Loco Hills Paddock 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 14 T17S R30E	
2. NAME OF OPERATOR Mack Energy Corporation				12. COUNTY OR PARISH Eddy	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288				13. STATE NM	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990 FSL 330 FWL At top prod. interval reported below 990 FSL 330 FWL At total depth 990 FSL 330 FWL				14. PERMIT NO. DATE ISSUED 	
15. DATE SPUNDED 6/20/99	16. DATE T.D. REACHED 7/7/99	17. DATE COMPL. (Ready to prod.) 7/23/99	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3689 RKB	19. ELEV. CASING HEAD 3677	
20. TOTAL DEPTH, MD & TVD 5080	21. PLUG, BACK T.D., MD & TVD 5031	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY 	ROTARY TOOLS Yes	CABLE TOOLS
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4534.5-4829, Paddock					25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray					27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	308	17 1/2	550sx	None
8 5/8	24	1206	12 1/4	650sx	None
5 1/2	15.5	5044	7 7/8	1050sx	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4842	

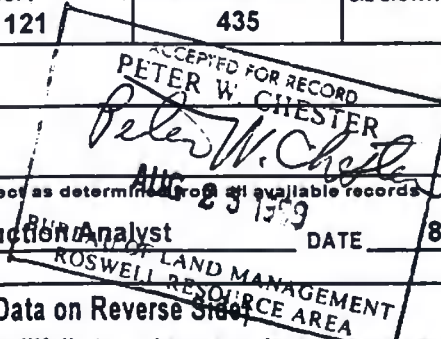
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4534.5-4829, 1/2, 78		4534.5-4829	2500 gals 15% NE acid
		4534.5-4829	32,000 gals 20% NE acid

33. PRODUCTION							
DATE FIRST PRODUCTION 8/7/1999		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 20 RHBC HVR PAP BNC				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/12/1999	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD 	OIL-BBL. 105	GAS-MCF. 121	WATER-BBL. 435	GAS-OIL RATIO 1152
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 	OIL-BBL. 105	GAS-MCF. 121	WATER-BBL. 435	OIL GRAVITY - API (CORR.) 38	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
 Sold

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
 SIGNED *Curtis D. Carter* TITLE Production Analyst DATE 8/16/1999



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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Mack Energy Corporation

3. Address and Telephone No.

P.O. Box 960, Artesia, NM 88211-0960 (505)748-1288

4. Location of Well (Footage, Sec., T. R., M. or Survey Description)

Sec-14,T17S-R30E 990 FSL & 330 FWL

5. Lease Designation and Serial No.

LC-055259

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mohawk Federal #1

9. API Well No.

30-015-30630

10. Field and Pool, or Exploratory Area

Loco Hills Paddock

11. County or Parish, State

Eddy, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Surface Casing</u>
	<input checked="" type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

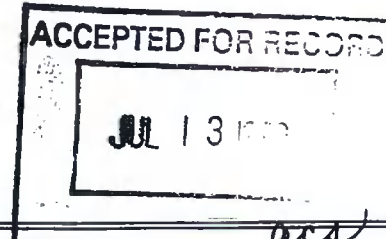
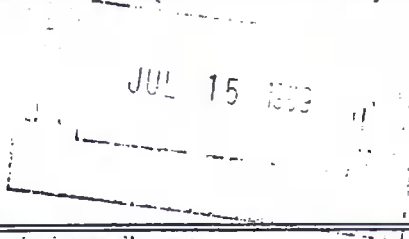
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Mack Energy Corporation is drilling the Mohawk Federal #1 and has encountered a problem with setting surface casing @ 450'. While drilling the 17 1/2" hole, lost circulation at 183', partial returns back at 260' to 455' at TD. Ran 13 3/8" casing to 308' and could not get casing to go any deeper. Called David Glass with the BLM in Roswell and obtained a verbal to set the 13 3/8" casing at 308'.

6/26/1999 Spud 17 1/2" hole @ 5:00PM. Lost circ @ 183'.

6/27/1999 TD 17 1/2" hole @ 453'. RIH w/ 7 joints 13 3/8" K-55 ST&C 48# csg & hit bridge @ 311'. BLM gave permission to Land csg @ 308' & RU BJ c/w 550sx Class C 2% CC. No circ ready mix w/10 yds. Plug down @ 1:30 PM.



14. I hereby certify that the foregoing is true and correct

Signed

Chris D. Carter

Title

Production Analyst

Date

7/8/99

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

•See Instruction on Reverse Side

PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001342	001	J1	01/98	MOHAWK	FEDERAL 1			
				006172	00 THE HOMESTAKE OIL & GAS CO.	.06250000	1 WOR	6/24/99
				999101	00 CHASE OIL CORPORATION	.60937500	1 WOR	6/24/99
				999104	00 RICHARD L. CHASE	.02812500	1 WOR	6/24/99
				999105	00 GERENE DIANNE CHASE CROUCH	.01875000	1 WOR	6/24/99
				999106	00 ROBERT C. CHASE	.04687500	1 WOR	6/24/99
				999107	00 MACK C. CHASE TRUST	.23437500	1 WOR	6/24/99
					TOTAL INTEREST	1.00000000		