

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 Shawnee Federal					Well Number 1	API Number 30-015-30628	
UL J	Section 15	Township 17S	Range 30E	Feet From The 1650	North/South Line South	Feet From The 2310	East/West Line East
							County Eddy, NM

II. Date/Time Information

Spud Date 7/9/99	Spud Time 3:00pm	Date Completed 8/9/99	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 9/3/99

SUBSCRIBED AND SWORN TO before me this 3rd day of September, 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 MANAGEMENT

OF TOP COPY

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

5. Lease Designation and Serial No.

LC-029020-L

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Shawnee Federal #1

9. API Well No.

30-015-30628

10. Field and Pool, or Exploratory Area

Loco Hills Paddock

11. County or Parish, State

Eddy, NM

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 988211-0960

505-748-1288

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

Sec. 15-T17S-R30E 1650 FSL & 2310 FEL

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 Spud & Cement Casings
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

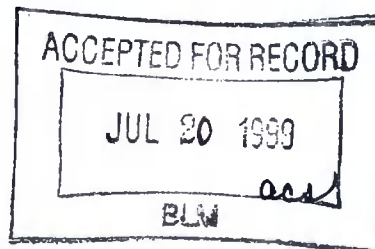
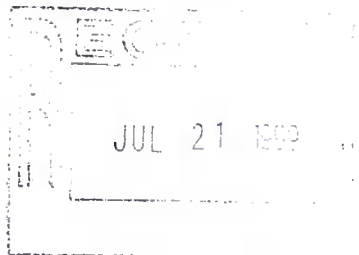
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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)"

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

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

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



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

Signed

Crista D. Carter

Title

Production Analyst

Date

7/15/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*
(See other in-
struction on
reverse side)

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

6. LEASE DESIGNATION AND SERIAL NO.

LC-029020-L

6. 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 _____

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

1650 FSL 2310 FWL

At top prod. interval reported below

1650 FSL 2310 FWL

At total depth

1650 FSL 2310 FWL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Eddy13. STATE
NM15. DATE SPUDED
7/9/9916. DATE T.D. REACHED
7/21/9917. DATE COMPL. (Ready to prod.)
8/9/199918. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3709 RKB19. ELEV. CASING HEAD
369720. TOTAL DEPTH, MD & TVD
507621. PLUG, BACK T.D., MD & TVD
487222. 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)***4467-4829 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	54	435	17 1/2	550sx	None
8 5/8	24	1206	12 1/4	600sx	None
5 1/2	15.5	4891	7 7/8	1000sx	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	4833	

31. PERFORATION RECORD (Interval, size and number)**4467-4829, 1/2, 83****32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC**

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

4467-4829 2500 gals 15% NE acid**4467-4829 32,000 gals 20% NE acid****33. PRODUCTION**

DATE FIRST PRODUCTION 8/16/1999		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 9/2/1999	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 111	GAS-MCF. 140	WATER-BBL. 325	GAS-OIL RATIO 1261	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 111	GAS-MCF. 140	WATER - BBL. 325	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

Cassia D. Carter

TITLE

Production Analyst

DATE

9/3/1999

*(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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS.DEPTH	TRUE VERT.DEPTH
Loco Hills Paddock	4440	4826		Queen	2182	
				San Andres	2896	
				Glorietta	4369	

PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001725	001	J1	01/98	SHAWNEE	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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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

Form C-142
Date 06/99

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 Shawnee Federal					Well Number 1	API Number 30-015-30628		
UL J	Section 15	Township 17S	Range 30E	Feet From The 1650	North/South Line South	Feet From The 2310	East/West Line East	County Eddy, NM

II. Date/Time Information

Spud Date 7/9/99	Spud Time 3:00pm	Date Completed 8/9/99	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 <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>Robert C. Chase</u>	Title <u>Vice President</u>	Date <u>9/3/99</u>
SUBSCRIBED AND SWORN TO before me this <u>3rd</u> day of <u>September</u> , 1999		
My Commission expires: <u>12-9-99</u>		Notary Public <u>Cristina D. Carter</u>

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.

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 988211-0960

505-748-1288

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

Sec. 15-T17S-R30E 1650 FSL & 2310 FEL

5. Lease Designation and Serial No.

LC-029020-L

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.

Shawnee Federal #1

9. API Well No.

30-015-30628

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
- Spud & Cement Casings
-
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

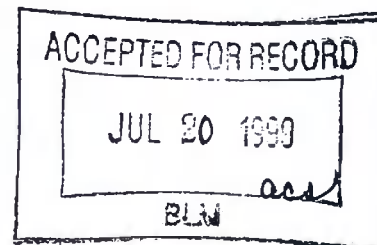
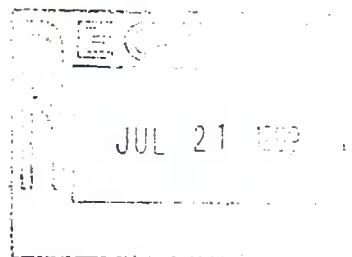
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)

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

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

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



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

Signed

Title

Production Analyst

Date

7/15/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

(October 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*
(See other in-
struction on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
LC-029020-L

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.
Shawnee Federal #1

9. API WELL NO.

30-015-30628

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock

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

Sec 15 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

1650 FSL 2310 FWL

At top prod. interval reported below

1650 FSL 2310 FWL

At total depth

1650 FSL 2310 FWL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED

7/9/99

16. DATE T.D. REACHED

7/21/99

17. DATE COMPL. (Ready to prod.)

8/9/1999

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3709 RKB

19. ELEV. CASING HEAD

3697

20. TOTAL DEPTH, MD & TVD

5076

21. PLUG, BACK T.D., MD & TVD

4872

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)*

4467-4829 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	54	435	17 1/2	550sx	None
8 5/8	24	1206	12 1/4	600sx	None
5 1/2	15.5	4891	7 7/8	1000sx	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	4833	

30.

TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4467-4829, 1/2, 83

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

4467-4829 2500 gals 15% NE acid

4467-4829 32,000 gals 20% NE acid

33.

PRODUCTION

DATE FIRST PRODUCTION
8/16/1999

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	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
9/2/1999	24		→	111	140	325	1261
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
		→	111	140	325	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 Cassid D. Carter TITLE Production Analyst DATE 9/3/1999

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

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PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001725	001	J1	01/98	SHAWNEE	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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New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
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Form C-142
Date 06/99

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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 9/3/99

SUBSCRIBED AND SWORN TO before me this 3rd day of September, 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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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 MANAGEMENT

OF ATOM COPY

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

5. Lease Designation and Serial No.

LC-029020-L

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Shawnee Federal #1

9. API Well No.

30-015-30628

10. Field and Pool, or Exploratory Area

Loco Hills Paddock

11. County or Parish, State

Eddy, NM

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 988211-0960

505-748-1288

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

Sec. 15-T17S-R30E 1650 FSL & 2310 FEL

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 Spud & Cement Casings
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

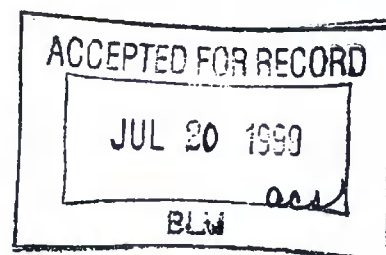
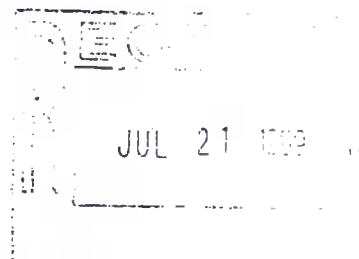
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)

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

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

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



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

Signed Curtis D. Carter

Title Production Analyst

Date 7/15/99

(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

(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
 (See other in-
 struction 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-029020-L	
2. NAME OF OPERATOR Mack Energy Corporation						7. UNIT AGREEMENT NAME 	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						8. FARM OR LEASE NAME, WELL NO. Shawnee Federal #1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650 FSL 2310 FWL At top prod. interval reported below 1650 FSL 2310 FWL At total depth 1650 FSL 2310 FWL						9. API WELL NO. 30-015-30628	
14. PERMIT NO. _____ DATE ISSUED _____						12. COUNTY OR PARISH Eddy	
15. DATE SPUDDED 7/9/99						13. STATE NM	
16. DATE T.D. REACHED 7/21/99		17. DATE COMPL. (Ready to prod.) 8/9/1999		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3709 RKB		19. ELEV. CASING HEAD 3697	
20. TOTAL DEPTH, MD & TVD 5076		21. PLUG, BACK T.D., MD & TVD 4872		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)* 4467-4829 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	54	435	17 1/2	550sx		None	
8 5/8	24	1206	12 1/4	600sx		None	
5 1/2	15.5	4891	7 7/8	1000sx		None	
29. LINER RECORD							
SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4833	
31. PERFORATION RECORD (Interval, size and number) 4467-4829, 1/2, 83				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				4467-4829		2500 gals 15% NE acid	
				4467-4829		32,000 gals 20% NE acid	
33. PRODUCTION							
DATE FIRST PRODUCTION 8/16/1999		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	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
9/2/1999	24			111	140	325	1261
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
			111	140	325	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		TITLE Production Analyst				DATE 9/3/1999	

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

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PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001725	001	J1	01/98	SHAWNEE	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		