

WF 30-015-1288

P.O. Box 960
Artesia, NM 88211-0960
(505) 748-1288 Phone
(505) 746-9539 Fax

Mack Energy Corporation

Fax

To: Mark Ashley**From:** Crissa D. Carter**Fax:** (505) 827-8177**Pages:** 6**Phone:****Date:** 12/03/99**Re:** C-142 New Well Application**CC:**☐ **Urgent**☐ **For Review**☐ **Please Comment**☐ **Please Reply**☐ **Please Recycle**

● **Comments:** Attached you will find the requested information along with a copy of the Gold Star Federal #4 C-142. These are the documents we waited for before sending you the next C-142's. Please let me know if you need any additional information.

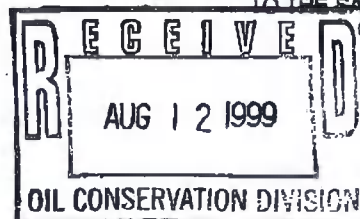
Form C-142

Date 06/99

District I - (505) 393-6181
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



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 Gold Star Federal				Well Number 4	API Number 30-015-30309
UL A	Section 30	Township 17S	Range 29E	Feet From The 330	North/South Line North
			Feet From The 990	East/West Line East	County Eddy, NM

II. Date/Time Information			
Spud Date 6/17/99	Spud Time 10:00 am	Date Completed 7/7/99	Pool Empire Yeso

- 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>8/9/99</u>
SUBSCRIBED AND SWORN TO before me this <u>9th</u> day of <u>August</u> , 1999		
My Commission expires <u>12-9-99</u>		Notary Public <u>Cassie D. Carr</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 <u>Mark Kelly</u>	Title <u>P.E. Spec.</u>	Date <u>OCT 1 1999</u>
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- VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 10/1/99

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

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 NV/
API Number 30-015-30638	Pool Name Loco Hills Paddock	Pool Code 96718
Property Code 24571	Property Name Wichita State	Well Number 1

II. Surface Location

UL or lot no.	Section	Township	Range	Lot, ldn	Feet from the	North/South Line	Feet from the	East/West Line	County
L	16	17S	30E		2310	South	990	West	Eddy

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot, ldn	Feet from the	North/South Line	Feet from the	East/West Line	County
Lense Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				
S	P	8-26-99							

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
015694	Navajo Refining Company P.O. Box 159 Artesia, NM 88211-0159	2820809	O	Unit L, Sec 16-T17S-R30E
009171	GPM Gas Corporation	2820808	G	Unit L, Sec 16-T17S-R30E

IV. Produced Water

POD	POD ULSTR Location and Description
2820809	Unit L, Sec 16-T17S-R30E

V. Well Completion Data

Spud Date	Ready Date	TLD	PBTD	Perforations
7/22/1999	8/10/1999	4798	4780	4312-4652.5
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	
17 1/2	13 3/8	359	325sx	
12 1/4	8 5/8	1106	550sx	
7 7/8	5 1/2	4794	935sx	
	2 7/8"	4682		

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
9/02/1999	9/02/1999	9/10/1999	24		
Choke Size	Oil	Water	Gas	AOB	Test Method
	52	425	112		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:

Printed name:

Crissa D. Carter

Title:

Production Analyst

Date:

9/17/1999

Phone:

(505)748-1288

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

9-21-99

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
Box 1980, Hobbs, NM 88241-1980
District II
Rt. 1 S. 1st Street Artesia, NM 88210-1404
District III
100 Rio Brazos Rd, Aztec, NM 87410
District IV
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 SEP 22 1999

Form C-104

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

AMENDED REPORT

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
API Number 30-015-30652	Pool Name East Empire Yeso	Pool Code 96610
Property Code 24662	Property Name Rincon State	Well Number 1

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
P	20	17S	29E		330	South	330	East	Eddy

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
Lease Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				
F	P	8/22/1998							

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
015694	Navajo Refining Company P.O. Box 159 Artesia, NM 88211-0159	2823994	O	Unit P, Sec 20-T17S-R29E
009171	GPM Gas Corporation	2823995	G	Unit P, Sec 20-T17S-R29E

IV. Produced Water

POD	POD ULSTR Location and Description
2823996	Unit P, Sec 20-T17S-R29E

V. Well Completion Data

Well Completion Data				
Spud Date	Ready Date	TD	PBTD	Perforations
6/4/1999	8/13/1999	4410	4371	3946-4335
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	
17 1/2	13 7/8	191	175sx	
12 1/4	8 5/8	867	450sx	
7 7/8	5 1/2	4384	850sx	
	2 7/8"	4345		

VI. Well Test Data

Date New Oil 8/23/1999	Gas Delivery Date 8/23/1999	Test Date 8/26/1999	Test Length 24	Tbg. Pressure AOF	Csg. Pressure P
Choke Size 130	Oil 130	Water 345	Gas 180		Test Method 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: <i>Crissa D. Carter</i>			OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR		
Printed name: Crissa D. Carter			Title: 86x		
Title: Production Clerk			Approval Date: 9-8-99		
Date: 9/3/1999		Phone: (505)748-1288			
If this is a change of operator fill in the OGRID number and name of the previous operator.					
Previous Operator Signature		Printed Name		Title	
				Date	

(October 1990)

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

SUBMIT IN DUPLICATE
OPERATOR'S COPY
(In-
formation on
reverse side)

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

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

12. COUNTY OR
PARISH
Eddy

13. 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. RESER. ☐ 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

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)	B O T T O M (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		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
8/16/1999		2 1/2 x 2 20 RHBC HVR PAP BNC				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD 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

Cynthia 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.

Form 3160-4
(October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY SUBMIT IN DUPLICATE

(If other information on reverse side)

 0006
 FOR APPROVED
 OMB NO. 1004-0137
 Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC-055259																									
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____																									
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. Mohawk Federal #1																									
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		9. API WELL NO. 30-015-30630																									
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Loco Hills Paddock																									
15. DATE SPUNDED 6/20/99		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 14 T17S R30E																									
16. DATE T.D. REACHED 7/7/99		12. COUNTY OR PARISH Eddy																									
17. DATE COMPL. (Ready to prod.) 7/23/99		13. STATE NM																									
18. ELEVATIONS (OF, 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 Yes																									
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 4534.5-4829, Paddock		25. ROTARY TOOLS Yes																									
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray		26. WAS DIRECTIONAL SURVEY MADE Yes																									
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE/GRADE</th> <th>WEIGHT, LB/FT</th> <th>DEPTH SET (MD)</th> <th>HOLE SIZE</th> <th>TOP OF CEMENT, CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>13 3/8</td> <td>48</td> <td>308</td> <td>17 1/2</td> <td>550sx</td> <td>None</td> </tr> <tr> <td>8 5/8</td> <td>24</td> <td>1206</td> <td>12 1/4</td> <td>650sx</td> <td>None</td> </tr> <tr> <td>5 1/2</td> <td>15.5</td> <td>5044</td> <td>7 7/8</td> <td>1050sx</td> <td>None</td> </tr> </tbody> </table>				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
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DATE OF TEST 8/12/1999		WELL STATUS (Producing or shut-in) Producing																									
HOURS TESTED 24	CHOKE SIZE _____	PROD'N FOR TEST PERIOD _____	OIL-BBL. 105																								
FLOW. TUBING PRESS. _____	CASING PRESSURE _____	CALCULATED 24-HOUR RATE _____	GAS-MCF. 121																								
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		WATER-BBL. 435																									
35. LIST OF ATTACHMENTS _____		GAS-OIL RATIO 1152																									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.		OIL GRAVITY - API (CORR.) 38																									
SIGNED <u>Peter W. Chester</u> TITLE <u>Production Analyst</u>		DATE <u>8/16/1999</u>																									

* (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.