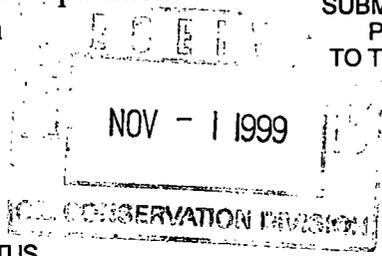


1374

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



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 McIntyre DK Federal		Well Number 12Y	API Number 30-015-30772					
UL P	Section 17	Township 17S	Range 30E	Feet From The 990	North/South Line South	Feet From The 315	East/West Line East	County Eddy, NM

II. Date/Time Information

Spud Date 8/23/99	Spud Time 12:00 pm	Date Completed 9/20/99	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 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 10/29/99

SUBSCRIBED AND SWORN TO before me this 29th day of October, 1999.

My Commission expires: 12-9-99 Notary Public [Signature]

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>[Signature]</u>	Title <u>P.E. Speer</u>	Date <u>11-19-99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 11/22/99

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

PV2V2007137084

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

SUBMIT IN DUPLICATE*
(See other instruction 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 GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. Other _____

8. LEASE DESIGNATION AND SERIAL NO.
NM-86025

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME, WELL NO
McIntyre DK Federal #12Y

9. API WELL NO.
30-015-30772

10. FIELD AND POOL, OR WILDCAT
Loco Hills Paddock

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 17-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 315 FEL**
 At top prod. interval reported below **990 FSL 315 FEL**
 At total depth **990 FSL 315 FEL**

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH **Eddy** 13. STATE **NM**

15. DATE SPUNDED **8/23/99** 16. DATE T.D. REACHED **9/5/99** 17. DATE COMPL. (Ready to prod.) **9/20/1999** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) **3670 RKB** 19. ELEV. CASING HEAD **3658**

20. TOTAL DEPTH, MD & TVD **4750** 21. PLUG, BACK T.D., MD & TVD **4698** 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY **Rotary** ROTARY TOOLS **Yes** CABLE TOOLS _____

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
4380-4669, 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 K-55	54	424	17 1/2	Circ 425sx	None
8 5/8 K-55	24	1117	12 1/4	Circ 650sx	None
5 1/2 J-55	15.5	4711	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	4676	

31. PERFORATION RECORD (Interval, size and number)
4380-4669, 1/2, 71 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4380-4669	2500 gals 15% NEFE acid
4380-4669	32,000 gals 20% HCL
4380-4669	54,000 gals 40# gel
4380-4669	5000 gals cold 15% HCL

33. PRODUCTION

DATE FIRST PRODUCTION **9/25/99** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **2 1/2 x 2 x 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
10/14/1999	24			77	114	356	1480

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
			77	114	356	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 Crista D. Carter TITLE Production Analyst DATE 10/27/99

*(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 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.

NM-86025

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

McIntyre DK Federal #12Y

2. Name of Operator

Mack Energy Corporation

9. API Well No.

30-015-

3. Address and Telephone No.

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

10. Field and Pool, or Exploratory Area

Loco Hills Paddock

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

Sec. 17-T17S-R30E 990 FSL & 315 FEL

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)*

8/23/1999 Skid L&M 3, 15' to east of #12, spud 17 1/2" hole 12:00pm call BLM.
 8/24/1999 TD 17 1/2" hole @10:30pm 8/23/99, circ hole POH, Rig up casing crew RIH with 10 jts 13 3/8" 54# ST&C K-55, shoe jt 18.50 w/notched end w/insert baffle, set @ 424', BJ pump 425sx Class C 2% CaCl, circ 172sx to pit plug down 4:15am. WOC 12 hours
 8/26/1999 TD 12 1/4" Hole @ 1124', circ well, POH, Rig up casing crew RIH 25 jts WC-50 8 5/8" 24# ST&C J-55, total 25 jts 1103' set at 1117'. Rig up BJ Service pump 350sx "H" 10% A-10B, 1% CaCl2 Quick set with gypsum, tail 300sx "C" 2% CaCl2, drop plug circ 111sx to pit, 1st part was airtreated then got thick, bump plug, close valves on 13 3/8" casing, clean cmt lines, plug down 12:30pm WOC 18 hours.
 9/05/1999 9:30am TD 7 7/8" hole @ 4750' circ hole, POH DC & DP standing up, rig up Log Well, rig loggers down, RIH with DC & DP, Rig up Bull Rogers laydown machine, POH.
 9/06/1999 Finish laying down 3:00am rig up csg crew RIH with 116 jts 5 1/2" 15.5# LT&C, shoe jt 10.60, DV tool @ 3953', Marker Jt @ 4362', land csg shoe at 4710', circ csg rig up BJ Service 1st stage pump 200sx 50/50 Poz 2% Gel 5# salt 5/10% FL25, plug down 7:30am, open DV tool hydraulic with 1900#, circ out 54sx, WOC circ for 6 hours. 2nd stage pump lead 550sx 35/65 Lite Poz 6% gel, 3#salt 1/4# CF plug down 1:30pm circ 67sx to pit, rig cementer down and release rig.

SEP 20 1999

David P. Glass
SEP 16 1999

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

Signed Curtis D. Carter Title Production Analyst Date 9/10/99

(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.

PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001275	012	J1	02/93	MCINTYRE	DK FEDERAL 12Y			
				999101	00 CHASE OIL CORPORATION	1.00000000	1 WOR	4/23/99
					TOTAL INTEREST	1.00000000		