

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

ISF
UT
GOT
OP

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

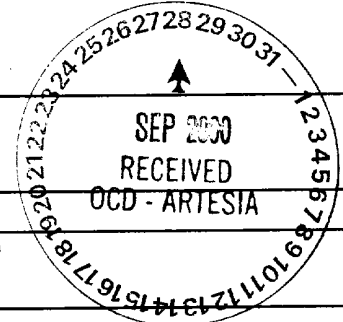
Operator Name and Address MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88211-0960		OGRID Number 013837
		Reason for Filing Code NW
API Number 30-015-31256	Pool Name Loco Hills Paddock	Pool Code 96718
Property Code 017381	Property Name Woolley Federal	Well Number 6

II. Surface Location

UL or lot no. K	Section 21	Township 17S	Range 30E	Lot. Idn	Feet from the 1564	North/South Line South	Feet from the 1838	East/West Line West	County Eddy
Bottom Hole Location 2321 2312									
UL or lot no. K	Section 21	Township 17S	Range 30E	Lot. Idn	Feet from the 2310	North/South Line South	Feet from the 2310	East/West Line West	County Eddy
Lease Code F	Producing Method Code P	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 Company P.O. Box 159 Artesia, NM 88211-0159	2824318	O	Unit M Sec 21-T17S-R30E
009171	GPM Gas Corporation	2824319	G	Unit M Sec 21-T17S-R30E



IV. Produced Water

POD 2824320	POD ULSTR Location and Description Unit M Sec 21-T17S-R30E
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V. Well Completion Data

Spud Date 8/5/00	Ready Date 9/7/00	TD 5230	PBTD 5180	Perforations 4558-5101'
Hole Size 17 1/2	Casing & Tubing Size 13 3/8	Depth Set 404	Sacks Cement 450 sx	
12 1/4	8 5/8	1226	550 sx	
7 7/8	5 1/2	5193	825 sx	
	2 7/8	4512		

VI. Well Test Data

Date New Oil 9/10/00	Gas Delivery Date 9/10/00	Test Date 9/21/00	Test Length 24	Tbg. Pressure AOF	Csg. Pressure P
Choke Size 75	Oil 75	Water 620	Gas 100	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: *Crissa D. Carter*
Printed name: **Crissa D. Carter**
Title: **Production Analyst**
Date: **9/28/00** Phone: **(505)748-1288**

OIL CONSERVATION DIVISION	
Approved by: <i>Jim W. Green</i>	
Title: <i>District Supervisor</i>	
Approval Date: 10-18-00	

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



LTR



Job separation sheet

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

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

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1995 *dsf*

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*										5. LEASE DESIGNATION AND SERIAL NO. LC-029342-A	
1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐										6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐										7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Mack Energy Corporation										8. FARM OR LEASE NAME, WELL NO. Woolley Federal #6	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960										9. API WELL NO. 30-015-31256	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1564 FSL 1838 FWL At top prod. interval reported below At total depth										10. FIELD AND POOL, OR WILDCAT Loco Hills Paddock	
14. PERMIT NO. 1321 312 2240 FSL 2240 FWL										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 21-T17S-R30E	
15. DATE SPUDDED 8/5/00										12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 8/16/00										13. STATE NM	
17. DATE COMPL. (Ready to prod.) 9/7/00										18. ELEVATIONS (DF, RKB, RT, SR, ETC.)* 3655 RKB	
19. ELEV. CASING HEAD 3643										20. TOTAL DEPTH, MD & TVD 5230 MD	
21. PLUG, BACK T.D., MD & TVD 5180 MD										22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY Rotary Tools										24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4558-5101 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		48		404		17 1/2		450 sx		None	
8 5/8 J-55		24		1226		12 1/4		550 sx		None	
5 1/2 J-55		17		5193		7 7/8		825 sx		None	
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT		SCREEN (MD)		SIZE	
										2 7/8	
										4512	
31. PERFORATION RECORD (Interval, size and number) 4558-5101', .41, 119										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
										DEPTH INTERVAL (MD)	
										AMOUNT AND KIND OF MATERIAL USED	
										4558-5101'	
										2500 gals 15% acid	
										4558-5101'	
										32000 gals 20% acid	
										4558-5101'	
										54,000 gals 40# gel	
										4558-5101'	
										5000 gals 15% HCL	
33. PRODUCTION											
DATE FIRST PRODUCTION 9/10/00				PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Reda pump 550				WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 9/21/00		HOURS TESTED 24		CHOKE SIZE None		PROD'N FOR TEST PERIOD 75		OIL-BBL. 100		GAS-MCF. 620	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE 75		OIL-BBL. 100		GAS-MCF. 620		WATER - BBL. 1333	
										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 <i>Crisa D. Carr</i>				TITLE Production Analyst				DATE 9/28/00			

*(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
Loco Hills Paddock	4554	5028		Queen
				San Andres
				Glorietta
				MEAS.DEPH
				TRUE VERT.DEPH
				2235
				2996
				4493