

**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.
NM-114960

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

310 FNL & 2530 FWL

At top prod. interval reported below

695 FNL & 1949 FWL

At total depth

711 FNL & 1916 FWL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy

13. STATE

NM

15. DATE SPUDDED
11/14/06

16. DATE T.D. REACHED
1/7/07

17. DATE COMPL. (Ready to prod.)
2/2/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3738' RKB

19. ELEV. CASING HEAD
3715' GR

20. TOTAL DEPTH, MD & TVD
11,300

21. PLUG, BACK T.D., MD & TVD
9106

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)*

9029-9064', Strawn

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, H-40	48	323	17 1/2	400sx	None
9 5/8, J-55	36	1590	12 1/4	1630sx	None
7, HCP-110	26	9150	8 3/4	1250sx	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	8961	8961

31. PERFORATION RECORD (Interval, size and number)

9029-9064', .48, 132

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9029-9064'	3500 gals 15% NEFE

33. **PRODUCTION**

DATE FIRST PRODUCTION 2/10/07		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3/7/07	HOURS TESTED 24 hours	CHOKE SIZE 11/64	PROD'N FOR TEST PERIOD →	OIL-BBL. 188	GAS-MCF. 1072	WATER-BBL. 0	GAS-OIL RATIO 5702
FLOW. TUBING PRESS. 1880	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 188	GAS-MCF. 1072	WATER-BBL. 0	OIL GRAVITY - API (CORR.)	

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

Sold

35. LIST OF ATTACHMENTS

Deviation Survey and Logs

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

SIGNED

James W. Sherrill

TITLE

Production Clerk

DATE

3/12/07

*(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.	38. GEOLOGIC MARKERS		
Strawn	9029	9064		NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Delaware	1730	
				Bone Spring	4512	
				Wolfcamp	8220	
				Strawn	9024	
				Atoka	9769	
				Morrow Lime	10297	
				Morrow Clastics	10471	
				Barnett	10934	

DISTRICT I

1625 N. FRENCH DR., BOBBS, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

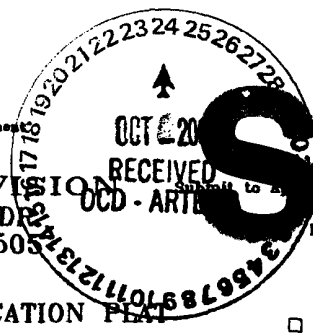
DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Issued October 12, 2005

Submit to appropriate District Office

Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 85160	Pool Name Sheep Draw; Strawn
Property Code	Property Name ROBIN FEDERAL	Well Number 1
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3715'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	9	23-S	25-E		310	NORTH	2530	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	9	23-S	25-E		660	NORTH	1980	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>PROJECT AREA</p> <p>2530'</p> <p>1980'</p> <p>PRODUCING AREA</p> <p>BOTTOM HOLE LOCATION Y=481722.2 N X=478245.4 E</p>	<p>DETAIL</p> <p>3729.5' 3723.9'</p> <p>3719.0' 3705.3'</p> <p>600'</p> <p>600'</p> <p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=482087.0 N X=478789.5 E</p> <p>LAT.=32°19'31.28" N LONG.=104°24'07.20" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jerry W. Sherrell</i> 4/25/06 Signature Date</p> <p>Jerry W. Sherrell Printed Name</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>APRIL 3, 2006</p> <p>Date Surveyed LA</p> <p>Signature & Seal of Professional Surveyor GARY EIDSON 4/12/06 06.11.0589</p> <p>Certificate No. GARY EIDSON 12641</p>
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District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 882 10
District III
1000 Fio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 8756;

Form C-104
Revised June 10, 2003

Month - Year
MAR 19 2007
OCD - ARTESIA, NM

to Appropriate District Office
5 Copies

☐ AMENDED REPORT

1. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address Mack Energy Corporation PO Box 960 Artesia, NM 88211-0960		2 OGRID Number 013837
		3 Reason for Filing Code/ Effective Date NW
4 API Number 30-015-35198	5 Pool Name Sheep Draw; Strawn	6 Pool Code 852cc
7 Property Code 36091	8 Property Name Robin Federal	9 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
C	9	23S	25E		310	North	2530	West	Eddy

11 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
C	9	23S	25E		711	North	1916	West	Eddy
12 Lse Code F	13 Producing Method Code F	14 Gas Connection Date 2/10/07	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
015694	Navajo Refining PO Box 159 Artesia, NM 88211-0159	0104249	O	Unit C, Sec. 9 T23S R25E
151618	Enterprise Field Services PO Box 4503 Houston, TX 77210	0104250	G	Unit C, Sec. 9 T23S R25E

IV. Produced Water

23 POD 0104251	24 POD ULSTR Location and Description Unit C, Sec. 9 T23S R25E
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V. Well Completion Data

25 Spud Date	26 Ready Date	27 TD	28 PBTD	29 Perforations	30 DHC, MC
11/14/06	2/2/07	11,300	9106	9029-9064'	
31 Hole Size	32 Casing & Tubing Size	33 Depth Set	34 Sacks Cement		
17 1/2	13 3/8, H-40	323	400sx		
12 1/4	9 5/8, J-55	1590	1630sx		
8 3/4	7, HCP-110	9150	1250sx		
	2 7/8	8961			

VI. Well Test Data

35 Date New Oil 2/10/07	36 Gas Delivery Date 2/10/07	37 Test Date 3/7/07	38 Test Length 24 hours	39 Tbg. Pressure 1880	40 Csg. Pressure
41 Choke Size 11/64	42 Oil 188	43 Water 0	44 Gas 1072	45 AOF	46 Test Method Flowing
47 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>Jerry W. Sherrell</i>			OIL CONSERVATION DIVISION		
Printed name: Jerry W. Sherrell			Approved by: BRYAN G. ARRANT		
Title: Production Clerk			Title: DISTRICT II GEOLOGIST		
E-mail Address: jerrys@mackenergycorp.com			Approval Date: MAR 20 2007		
Date: 3/12/07		Phone: (505)748-1288			