

OCD-ARTESIA

**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, 19915. LEASE DESIGNATION AND SERIAL NO.
NMNM-118706

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Black Cat Federal #3

9. API WELL NO.

30-015-36040

10. FIELD AND POOL, OR WILDCAT

Empire; Yeso11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA**Sec. 14 T17S R28E**12. COUNTY OR
PARISH
Eddy13. STATE
NM

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 & 1650 FWL

At top prod. interval reported below

At total depth

OCT 17 2008

OCD-ARTESIA

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Eddy13. STATE
NM

15. DATE SPUDDED

7/7/2008

16. DATE T.D. REACHED

7/17/2008

17. DATE COMPL. (Ready to prod.)

8/26/2008

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

3651.5' RKB

19. ELEV. CASING HEAD

3634' GR

20. TOTAL DEPTH, MD & TVD

5190'

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

5128'22. 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)*

3,660-4,978.5', Empire; Yeso25. 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
8 5/8, J-55	24	319'	12 1/4	250sx	None
5 1/2, J-55	17	5,167'	7 7/8	1030sx	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	4,994'	None

31. PERFORATION RECORD (Interval, size and number)

3,660-3,956.5', .41,76
4,226.5-4,609.5', .41, 68
4,692-4,978.5', .41, 60

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3,660-4,978.5'	See C-103 for details

33. PRODUCTION

DATE FIRST PRODUCTION 9/11/2008		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 20' pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 9/16/2008	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 82	GAS-MCF. 100	WATER-BBL. 400	GAS-OIL RATIO 1,219
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 82	GAS-MCF. 100	WATER - BBL. 400	OIL GRAVITY - API (CORR.)	

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

Sold

35. LIST OF ATTACHMENTS

Deviation Survey & Logs**ACCEPTED FOR RECORD**

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

SIGNED

Jerry W. Sherrell

TITLE

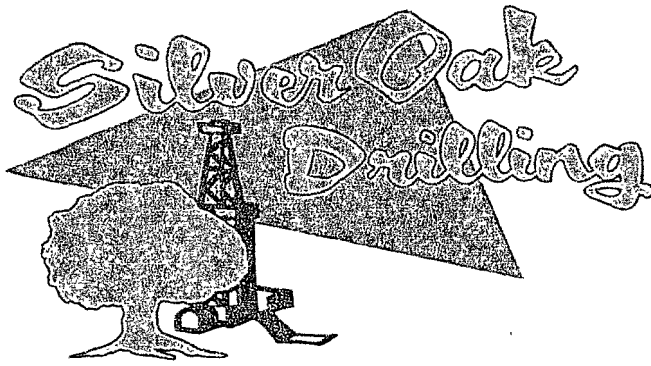
Production Clerk**OCT 14 2008****9/22/08**

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

JERRY FANT

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.

Accepted for record - NMCD



PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

July 31, 2008

Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

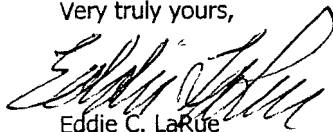
RE: Black Cat Federal #3
1650' FSL & 1650' FWL
Sec. 14, T17S, R28E
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

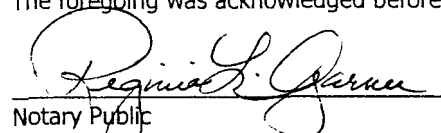
DEPTH	DEVIATION	DEPTH	DEVIATION
199.00	1.00	2500.00	0.60
320.00	1.00	2718.00	0.50
515.00	0.40	2975.00	0.40
727.00	0.30	3192.00	0.20
908.00	0.50	3482.00	0.30
1103.00	0.40	3762.00	0.50
1294.00	0.30	4085.00	0.20
1484.00	0.40	4270.00	0.30
1674.00	0.60	4592.00	0.50
1861.00	0.30	4879.00	0.40
2052.00	0.20	5160.00	0.10
2336.00	0.20		

Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 31st day of July, 2008.


Notary Public

