

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 LEASE DESIGNATION AND SERIAL NO

NMNM-23002

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff Resv
Other

6 INDIAN ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT

2 Name of Operator

Marbob Energy Corporations

8 FARM OR LEASE NAME

Piper Federal #3

3 Address

P.O. Box 227
Artesia, NM 88211-0227

3a Phone No (include area code)

575-748-3303

9 API WELL NO

30-015-36005

4 Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1650' FSL & 1650' FEL, Unit J

MAY - 6 2008

OCD-ARTESIA

10 FIELD NAME

Hackberry Delaware NE

11 SEC T, R, M, OR BLOCK AND SURVEY
OR AREA 12 T 19S R 31E

12. COUNTY OR PARISH

Eddy

13 STATE

NM

At total depth

Same

14 Date Spudded

1/7/08

15 Date T D Reached

2/4/08

16 Date Completed

4/22/08

☐ D & A

☒ Ready to Prod

17 ELEVATIONS (DF, RKB, RT, GR, etc)*

3601'

GR

3618'

KB

18 Total Depth

MD 10620'

TVD 10620'

19 Plug back T D

MD 8115'

TVD 8115'

20 Depth Bridge Plug Set.

MD 8150'

TVD 8150'

21 Type Electric & other Logs Run (Submit a copy of each)

DLL, DSN

22 Was well cored?

☒ No

☐ Yes (Submit analysis)

Was DST run?

☒ No

☐ Yes (Submit report)

Directional Survey?

☒ No

☐ Yes (Submit copy)

23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/ Grade	Wt (#/ft)	Top (MD)	Bottom(MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (Bbl)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5#	0	777'		675 sx		0	None
12-1/4"	9-5/8"	36#	0	3611'		1250 sx		0	None
7-7/8"	5-1/2"	17#	0	8630'		955 sx		2960' TS	None

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	6947'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No of Holes	Perf Status
A) Delaware	6702'	6766'	8397-8415'		8	Closed - CIBP @ 8385'
B)			8163-8210'		10	Closed - CIBP+cmt @ 8150'
C)			6760-6766'		14	Open
D)			6702-6712'		22	Open

27 Acid, Fracture Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
8397-8415'	Acidz w/1000 gal NEFE 7-1/2% HCL
8163-8210'	Acidz w/1000 gal NEFE 7-1/2% HCL
6760-6766'	Acidz w/500 gal NEFE 7-1/2% HCL
6702-6712'	Acidz w/750 gal NEFE 7-1/2% HCL
6702-6766'	Frac w/37816 gal fluid & 50300# sand

28 Production- Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr API	Gas Gravity	Production Method
4/24/08	4/25/08	24	→	6	0	198			Pumping
Choke Size	Tbg Press Flwp SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
			→						Producing

28a Production- Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwp SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
			→						

28b Production- Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flow SI	Csg Press	24 Hr Rate →	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	

28c Production- Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flow SI	Csg Press	24 Hr Rate →	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	

29 Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30 Summary of Porous Zones (include Aquifers)

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

31 Formation (Log) Markers.

Formation	Top	Bottom	Descriptions Contents, Etc	Name	Top
					Measured Depth
				Rustler	752'
				Top of Salt	825'
				Bottom of Salt	2427'
				Yates	2598'
				Seven Rivers	2883'
				Queen	3596'
				Delaware	4502'
				Bone Spring	6815'
				Wolfcamp	10236'
					TD 10620'

32 Additional remarks (include plugging procedure)

33 Indicate which items have been attached by placing a check in the appropriate boxes

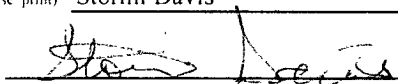
- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other

34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Stormi Davis

Title Production Assistant

Signature



Date 5/5/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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

RECEIVED


OPERATOR: Marbob Energy Co.
WELL/LEASE: Piper Fed # 3
COUNTY: Eddy County

MAR 07 2008

STATE OF NEW MEXICO
DEVIATION REPORT

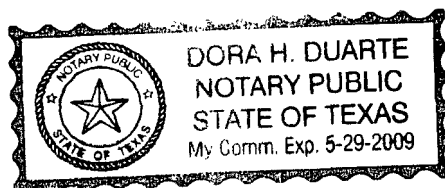
<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
393	2/5	6,037	1 4/5
735	2/3	6,292	1 1/2
1,220	3/4	6,545	1
1,692	1/5	6,982	1 1/5
2,069	2 2/7	7,266	8/9
2,260	2	7,679	1 1/9
2,418	8/9	8,089	8/9
2,545	4/5	8,531	1 1/2
2,894	3/5	8,759	1 1/5
3,335	1/2	9,263	1 8/9
3,592	1/2	9,449	2
4,073	4/5	9,636	1 4/5
4,549	1 8/9	9,824	2 1/2
5,089	2 1/9	9,945	2
5,405	2 1/5	10,074	2 2/7
5,531	1 8/9	10,257	2 3/5
5,650	2 1/9	10,381	2 2/7
5,784	2 1/9		
5,910	1 4/5		


Patriot Drilling, LLC


M. Leroy Peterson, Executive Vice-
President

The foregoing instrument was acknowledged before me on this 6th day of March, 2008 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 5/29/2009




Dora H. Duarte
Notary Public for Midland Co., Texas

DISTRICT I
1625 N. FRENCH DR., HOBBS, 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
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-36005	Pool Code 96211	Pool Name Hackberry Delaware, NE
Property Code 36721	Property Name PIPER FEDERAL	Well Number 3
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3601'

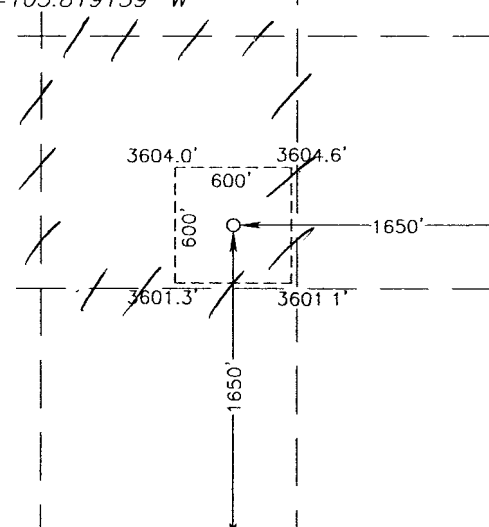
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	12	19-S	31-E		1650	SOUTH	1650	EAST	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
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=608635.9 N X=658224.6 E</p> <p>LAT.=32.672187° N LONG.=103.819139° 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>Stormi Davis</i> 5/5/08 Signature Date</p> <p>Stormi Davis 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>OCTOBER 28, 2007 Date Surveyed LA</p> <p>Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 3239 07.11.1505</p> <p>Certificate No. RONALD J. EIDSON 12641 3239</p>
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