

30-015-35389-00-00

BURCH KEELY UNIT No. 397

Company Name: MARBOB ENERGY CORP

Location: Sec: 23 T: 17S R: 29E Spot:

Lat: 32.8221391197568 Long: -104.052403358616

Property Name: BURCH KEELY UNIT

County Name: Eddy

## String Information

S

## Cement Information

## Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Sqz
0	0			

## Formation Information

St Code	Formation	Depth
Prust	Rustler	208
Psal	Salado	380
Pbslt	Base of Salt	781
Pyts	Yates	960
Psr	Seven Rivers	1234
Psrbs	Bowers Sand	1612
Pqu	Queen	1842
Psa	San Andres	2536
Plvsd	Lovington Sand	2635
Pgl	Glorieta	3982
Py	Yeso Formation	4046

Hole: Unknown

TD:

TVD: 0

PBD:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTMonth - Year  
**APR 26 2007**  
OCD - ARTESIA, NMFORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

## 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. Resrv.,  
Other \_\_\_\_\_

2. Name of Operator **Marbob Energy Corporation**3. Address **PO Box 227  
Artesia, NM 88211-0227**3a. Phone No. (include area code)  
**505-748-3303**

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

At surface **1900 FNL 500 FWL, Unit E**At top prod. interval reported below **Same**At total depth **Same**14. Date Spudded  
**02/07/2007**15. Date T.D. Reached  
**02/15/2007**16. Date Completed **03/15/2007**  
☐ D & A ☒ Ready to Prod.18. Total Depth: MD **4600'**  
TVD **4600'**19. Plug Back T.D.: MD **4563'**  
TVD **4563'**20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

**DLL, Csng**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
<b>12 1/4"</b>	<b>8 5/8"</b>	<b>24#</b>	<b>0</b>	<b>332'</b>		<b>300 sx</b>		<b>0</b>	<b>None</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>17#</b>	<b>0</b>	<b>4580'</b>		<b>1000 sx</b>		<b>0</b>	<b>None</b>

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
<b>2 7/8"</b>	<b>4102'</b>							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Yeso</b>	<b>4111'</b>	<b>4373'</b>	<b>4111' - 4373'</b>		<b>20</b>	<b>Open</b>
B)						
C)						
D)						

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
<b>4111' - 4373'</b>	<b>Acidz w/ 2000 gal NE Fe 15% HCl acid.</b>

## 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
<b>03/17/2007</b>	<b>03/18/2007</b>	<b>24</b>	<b>→</b>	<b>77</b>	<b>488</b>	<b>465</b>			<b>Pumping</b>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			<b>→</b>						<b>Producing</b>

## 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
			<b>→</b>						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			<b>→</b>						

\*(See instructions and spaces for additional data on page 2)

## 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. Flwg. 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. Flwg. 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
					Meas. Depth
				Yates Seven Rivers Bowers Queen San Andres Glorieta Yates	960' 1234' 1612' 1842' 2536' 3982' 4046'

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 req'd.)   
 ☐ Geologic Report   
 ☐ DST Report   
 ☒ Directional Survey  
☐ Sundry Notice for plugging and cement verification   
☐ Core Analysis   
☐ Other:

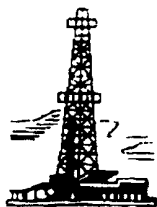
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) **Diana J. Briggs**Title **Production Analyst**

Signature

Date **04/18/2007**

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.



# Permian Drilling Corporation

P. O. Box 726

(505)397-3798

Fax (505)393-2448

Hobbs, New Mexico 88241

## INCLINATION REPORT

DATE: 2/20/2007



WELL NAME AND NUMBER: BKU 397

LOCATION: Eddy Co., NM

OPERATOR: MARBOB ENERGY CORP.

DRILLING CONTRACTOR: PERMIAN DRILLING CORPORATION

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

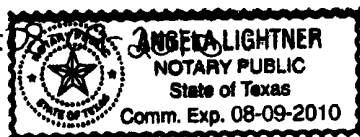
DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
0.75	492				
0.75	990				
0.75	1490				
1.25	2490				
1.00	2976				
1.25	3450				
0.75	3940				
1.00	4426				

Drilling Contractor:  
Permian Drilling Corporation

By Sherry Coskrey  
Sherry Coskrey  
Regulatory Clerk

Subscribed and sworn to before me on this 24 day of April, 2007.

My Commission Expires:



Angela Lightner

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 & Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Revised Feb. 26, 2007

Month - Year  
APR 26 2007  
OCD - ARTESIA, N.M.

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

### I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Marbob Energy Corporation PO Box 227 Artesia, NM 88211-0227		<sup>2</sup> OGRID Number 14049
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 015-35389	<sup>5</sup> Pool Name Grbg Jackson SR Q Grbg SA	<sup>6</sup> Pool Code 28509
<sup>7</sup> Property Code 6497	<sup>8</sup> Property Name Burch Keely Unit	<sup>9</sup> Well Number 397

### II. <sup>10</sup> Surface Location

UL or lot no. E	Section 23	Township 17S	Range 29E	Lot Idn	Feet from the 1900	North/South Line North	Feet from the 500	East/West line West	County Eddy
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### <sup>11</sup> 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
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 3/17/07	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

### III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
217817	ConocoPhillips Company 1020 Plaza Office Building Bartlesville, OK 74004	O-1269110 BKU CTB
217817	Same as above	O-2813232 BKU Sat E TB
36785	DCP Midstream, LP PO Box 50020 Midland, TX 79710-0020	G-2813488 BKU Sat D Gas Mtr

### IV. Well Completion Data

<sup>21</sup> Spud Date 2/7/07	<sup>22</sup> Ready Date 3/15/07	<sup>23</sup> TD 4600'	<sup>24</sup> PBDT 4563'	<sup>25</sup> Perforations 4111' - 4373'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
12 1/4"	8 5/8"	332'	300 sx		
7 7/8"	5 1/2"	4580'	1000 sx		
	2 7/8"	4102'			

### V. Well Test Data

<sup>31</sup> Date New Oil 3/17/07	<sup>32</sup> Gas Delivery Date 3/17/07	<sup>33</sup> Test Date 3/18/07	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size	<sup>38</sup> Oil 77	<sup>39</sup> Water 465	<sup>40</sup> Gas 488		<sup>41</sup> Test Method P

<sup>42</sup> 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:

Printed name:

Diana J. Briggs

Title:

Production Analyst

E-mail Address:

production@marbob.com

Date:

4/18/07

Phone:

(505) 748-3303

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

Title:

DISTRICT II GEOLOGIST

Approval Date:

APR 26 2007