OCD-ARTESIA

FORM 3160-4 (August 2007) FC 0 4 2008 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WHO BENDET

| WHALE OMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | | | NMNM86025 | | | | | | | |
|---|--|--|--------------------|-------------------------|---------------|-------|--|------------------|--------------|---------------------------------|--|---------------|--|------------------------------|-----------|--------------|--|--|--|
| la Type of Well | | | | | | | | | | 6 INDIAN ALLOTTEE OR TRIBE NAME | | | | | | | | | |
| b Type of Con | pletion X | New Well | Workov | er 🔲 | Deepen [| Plu | g Back | Diff | Resvr | | | | | | | | | | |
| | <u></u> | _ | _ | _ | _ | | DEO | 00 2 | ററാ | | 7 L | NIT AG | REEME | VT | | | | | |
| 2 | | Other | | | | | <u> </u> | 09 2 | uuo | | X F | ARMO | 27575 | NAME | | | | | |
| 2 Name of Operator Marbob Energy Corporations OCD-ARTESIA | | | | | | | | | | | Birdie Federal #11 | | | | | | | | |
| | | | | | | | | | | 0 , | PI WEL | | e redera | ιπι, | | | | | |
| 3 Address P.O. Box 227 | | | | | | | | | | | ٦ | IPI WEL | | | | | | | |
| Artesia, NM 88211-0227 575-748-3303 | | | | | | | | | 303 | | | | 30 | -015-364 | 41 5 | | | | |
| 4 Location of Well (Report location clearly and in accordance with Federal requirements)* | | | | | | | | | | | | 10 FIELD NAME | | | | | | | |
| At surface 2310' FSL & 430' FWL, Unit L (NWSW) | | | | | | | | | | | | | Loco Hills; Glorieta-Yeso | | | | | | |
| | | | | | | | | | | | | | 11 SEC T.R M. OR BLOCK AND SURVEY OR AREA 17 T 17S R 30E | | | | | | |
| At top prod | At top prod Interval reported below Same | | | | | | | | | | | | | 12 COUNTY OR PARISH 13 STATE | | | | | |
| At total depth | | Same | | | | | | | | _ | Eddy NM | | | | | | | | |
| 14 Date Spudd | ed 15 | Date [D. I | Reached | | 16 Date | Compl | leted | 11, | /12/0 | 8 | 17 ELEVATIONS (DF, RKB, RT, GR, etc.)* | | | | | | | | |
| 10/11 | /08 | 10 | 0/23/08 | /08 D&A X Ready to Prod | | | | | | to Prod | 3645' GR 3659' KB | | | | | | | | |
| 18 Total Depth | MD | 6000' | 19 Plug b | ack T D | MD | | 597 | 17' | 20 | Depth E | Bridge | Plug Set | MD | - | | | | | |
| TVD 6000' TVD 5977' TVD | | | | | | | | | | | | | | | | | | | |
| 21 Type Electric & other Logs Run (Submit a copy of each) 22 Was well cored ⁹ X No Yes (Submit analysis | | | | | | | | | | | analysis) | | | | | | | | |
| DLL, DSN Was D | | | | | | | | | | Trun? X No Yes (Submit report) | | | | | | | | | |
| | | | | | | | | | | Direction | onal Su | irvey? | X No | Yes | (Submi | t copy) | | | |
| 23 Casing a | and Liner Record | (Report all st | rings set in we | II) | | | · · · · · · · · · · · · · · · · · · · | | · | | | | | | | | | | |
| Hole Size | Size/ Grade | Wt (#/f | t) Top | (MD) | Bottom(| MD) | Stage Ce Dep | | , | f Sks. & 7 f Cement | ype | Slurry V | ol (Bbl) | Cement To | p* Ai | nount Pulled | | | |
| . 12 1/4" | 8 5/8" | 24# | 0 | | 368 | | - 50 | | | 350 sx | \dashv | | | 0 | \dashv | None | | | |
| 7 7/8" 5 1/2" 17# | | | | | | | | 1475 sx | | | + | | 0 | | None | | | | |
| | | | | | | | —— | | ऻ | 110 07 | | | | | | | | | |
| 24 Tubing l | Record | - Л | | | | | | | | | | | | | | | | | |
| Size | Depth Set (M | D) Packe | r Depth (MD) | Sı | ze | Dept | h Set (MD) | Packer | Depth (| MD) | Sız | e | Depth | Set (MD) | Packer | Depth (MD) | | | |
| 2 7/8" | 5176' | | | _ | | | | <u> </u> | | | | | | | | | | | |
| | ng Intervals Formation | - | Тор | Bot | tom | 26 | Perforation Perforated I | | | Size | | No of | Holes | E | erf State | 10 | | | |
| A) | Yeso | | 4887' | 5546' | | | 5442-5546' | | | | _ | 1: | | Open | | | | | |
| B) | | | | | | | 4887-5274' | | | | | 30 | | Open | | | | | |
| C) | | | | | | | | | | | | | | | | | | | |
| D) | | | | | | | | | | | | | | | | | | | |
| 27 Acıd,Fra | acture Treatment, | Cement Sque | eze, Etc | | | | | | | | | | | | | | | | |
| | epth Interval | | | | - | | | Amount ar | | | | | | | | | | | |
| | | | | | | | acid; Frac w/74384 gal fluid & 97140# 16/30 Premium white sand | | | | | | | | | | | | |
| 4887-5274' Acdz w/3000 gal 15% HCL acid; Frac w/278305# gal fluid & 368124# sand | | | | | | | | | | | | | | | | | | | |
| | | | | | | | ···· | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 28 Producti | on- Interval A | | | | | | | | | | | | | | | , | | | |
| Date First | Test Date | Hours | fest | Oil | Gas | | Water | Oil Grav | ity | Gas | | Prod | uction-M | ethod- | | | | | |
| Produced | | Tested | Production | ВЫ | MCF | | вы | Corr AP | 4 | Gravity | $\wedge \wedge$ | rbT | Th | ran I | חור | ngn | | | |
| 11/14/08 Choke Size | 11/16/08 Tbg Press | 24 | 24.0 - 0 - | 171 | | 59 | 177 | 0.01 | | 114 | ىليا | | | Pump | iņg (| nunt | | | |
| Choke Size | Flwg | Csg Press | 24 Hr Rate | Ол ВЫ | Gas MCF | | Water Bbl | Gas Oil Ratio | | Well S | tatus | <u> </u> | | Producii | 10 | | | | |
| | SI | | - | | | | L | | | | | | | 110000 | •5 | | | | |
| | on- Interval B | | | | | | | | | | | | IOV | 3 0 200 |)8 | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil Bbl | Gas MCF | | Water | Oil Grav | | Gas | | | uction M | thod | | | | | |
| 1 TOURICO | | 1 caled | - TOURICION | 1301 | INICI | | BbI | Corr AP | 1 | Gravity | | 4 | Chi | W. | | l [| | | |
| Choke Size | Tbg Press | Csg Press | 24 Hr Rate | Oil Bbl | Gas | | Water | Gas Oil | | Well S | ay [3] | REAU | OF LA | ND MAN | AGEM | ENT: | | | |
| | Flwg Si | | | | MCF | | Вы | Ratio | | | [] | C ARI | SBAD | FIELD 0 | FFICE | Į | | | |

^{*} See instructions and spaces for additional data on page 2)

| | tion- Interval C | Hours | 1 | 10.1 | 10 | lu. | 1016 | | Ta | In the state of | 1 |
|---|--|--------------------|--------------------|-------------|----------------|---------------|---------------|----------------|----------------------------------|---------------------|---|
| Produced | ate First Test Date oduced | | Production | Oıl Bbl | Gas MCF | Water Bbl | | Gravity API | Gas Gravitv | Production Metho | od |
| Choke Size | Tbg Press Flwg SI | Csg Press | 24 Hr Rate | Oil Bbl | Gas MCF | Water Bbl | Gas Ratio | | Well Status | | |
| 28c Produc | ction- Interval D | | | | | | | | | | |
| Date First Produced | i i | | Test Production | I I | | Water Bbl | | Gravity API | Gas Gravity | Production Meth | od |
| Choke Size Tbg Press Csg Press 24 Flwe Si | | | 24 Hr Rate | Oil Bbl | Gas MCF | Water Bhi | Gas Ratio | | Well Status | | |
| 29 Disposition | n of Gas <i>(Sold, use</i> | d for fuel, vent | ed, etc) | | | | <u> </u> | | | | |
| Show all ii | of Porous Zones (in important zones of depth interval tested | porosity and co | ontents thereo | | | | | 31 Form | nation (Log) Mark | ers. | - |
| | nation To | p Botto | om | Desci | riptions Conte | ents, Etc | | - | Name | | Top |
| | | | | | | | | Yates | Salt n of Salt Rivers s | | Measured Depth 290' 492' 953' 1137' 1402' 1787' 2016' 2700' 4128' 4194' 5670' |
| 33 Indicate | which items hav | ve been attac | ned by plac | ing a chec | k in the app | propriate box | œs | | | | |
| X Electric | which items have cal/ Mechanical Logs Notice for plugging | (1 full set requir | ed) | ing a chec | Geologic F | Report | kes [[| DST F | Зероп | Directional Su | ιτνεγ |
| L | | | | on is compl | - | | ed from a | | e records (see atta | ched instructions)* | |
| Name (ple | ease print) Stori | mi Davis (|) | · | | Lit | le <u>Pro</u> | duction | n Assistant | | |
| Signature | 16 | | Day | (m.l. | | Da | ne <u>11/</u> | 14/08 | | | |

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



Permian Drilling Corporation

P. O. Box 726

(505)397-3798

Fax (505)393-2448

Hobbs, New Mexico 88241

INCLINATION REPORT

DATE:

10/28/2008

WELL NAME AND NUMBER: Birdie Fed #11

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 |
|---------------------|---------------------|--------------|--------------|-------------|-------|
| 0.25 | 160 359 | 0.75 0.25 | 4754 5232 | | |
| <u>2.00</u> 1.50 | <u>551</u> 723 | 0.25 | 5704 | - | |
| 1.50 | 991 | | | | |
| 1.00 0.75 | <u>1466</u> 1918 | | | | |
| 1.00 | 2385 | | | | |
| 0.75 0.75 | <u>2860</u> 3330 | | | | |
| 0.75 | 3805 | | | | |
| 0.50 | 4282 | | | | |

Drilling Contractor:

Permian Drilling Corporation

Sherry &oskrey

Regulatory Clerk

day of Cetoker Subscribed and sworn to before me on this

My Commission Expires: