| Form 3160-4 UNITED STATES OCD Artesla (August 2007) 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. | 5. Lease Serial No. NMNM113937 | | | | | | |
| 1a. Type of Well ☑ Oil Well ☑ Gas Well □ Dry ☑ Other b. Type of Completion ☑ New Well □ Work Over □ Deepen □ Plug Back □ Diff. Resvr. | | | | | | | | | | | | 6. If Indian, Allottee or Tribe Name | | | | | | |
| b. Type o | f Completion | | ew Well r | U Woi | ·k Ove | er 🗌 | Deep | pen 🔲 I | Plug | Back | Diff. | Res | vr. 7. | Unit or C. | A Agr | eeme | ent Name and No. | |
| Name o YATES | f Operator S PETROLE | JM CORI | | -Mail: ti | | | | A HUERTA eum.com | A | | | | 8. | Lease Nat BODAC | | | II No. A FEDERAL 1H | |
| 3. Address | 3a. Phone No. (include area code) Ph: 575-748-4168 | | | | | 9. | 9. API Well No. 30-015-41158-00-S1 | | | | | | | | | | | |
| 4. Location | al requireme | requirements EIVED | | | | 10 | 10. Field and Pool, or Exploratory WILDCAT | | | | | | | | | | | |
| At surface SWSW 510FSL 660FWL | | | | | | | | | | | | | 11 | 11. Sec., T., R., M., or Block and Survey | | | | |
| At top prod interval reported below SWSW 510FSL 660FWL | | | | | | | | AUG 21 2013 | | | | 12 | or Area Sec 1 T26S R26E Mer NMP 12. County or Parish 13. State | | | | | |
| At total 14. Date S | 1 | NW 330F | NL 662FW | | Reach | ned | | MAG | MAGA PARTESIA | | | | 17 | EDDY NM 17. Elevations (DF, KB, RT, GL)* | | | | |
| 04/04/2 | 2013 | | | ate T.D. Reached 5/05/2013 | | | | D & A 🛛 Ready to Prod. 08/06/2013 | | | | | d. | 3278 GL | | | | |
| 18. Total I | Depth: | MD TVD | 12036 | ; | 19. I | Plug Bac | k T.I | D.: ME TV | | 11 | 908 | 2 | 0. Depth I | Bridge Plu | g Set: | | MD FVD | |
| 21. Type I CNL H | Electric & Oth | er Mechai ROLOG (| nical Logs Ri CBL | un (Sub | mit co | py of ea | ch) | | | | Was | s DS | ll cored? T run? mal Survey | ⊠ No ⊠ No ? □ No | ă | Yes | (Submit analysis) (Submit analysis) (Submit analysis) | |
| 3. Casing a | and Liner Rec | ord <i>(Repo</i> | rt all strings | | | Botto | | Stage Ceme | ntar | No.o | f Sks. & | Т | Slurry Vo | | | | | |
| Hole Size | Size/G | rade | Wt. (#/ft.) (M | | - | | | Depth | inter | | of Cement | | (BBL) | ^{r.} Ceme | Cement Top* | | Amount Pulled | |
| 26.00 | | 20.000 | | | | | 105 365 | | | 248 | | | | | 0 | | | |
| 17.50 | | 75 H-40 625 J-55 | 48.0 36.0 | | 1 | | 916 | | | 700 | | _ | | | 0 | | | |
| 8.75 | 0 5.500 H | ICP-110 |) 17.0 | | 0 12 | | 024 | 5569 | | 1900 | | 00 | | | 1400 | | | |
| | | | | | | | | | | | | | | | | | | |
| 24. Tubing Size | g Record Depth Set (N | 4D) P | acker Depth | (MD) | Siz | re [| Denth | Set (MD) | P | acker Der | pth (MD) | Т | Size | Depth Set | (MD) | | Packer Depth (MD) | |
| | · · · · · · | | | (| | | | | | | | | | | <u>, </u> | | | |
| | ing Intervals Formation | <u> </u> | Тор | | Rot | tom | 26.1 | Perforation I | | | | | Size | No. Hol | ec | | Perf. Status | |
| A) | BONE SP | RING | 100 | 8205 | | Bottom 11886 | | Perforated Interval 8205 TO 118 | | | 0 11886 | | | | | ROI | | |
| B) | | | | | | | | | | | | | | | | | | |
| <u>C)</u> D) | | | | | | | | | | | | | | | _ | | | |
| | Fracture, Treat | tment, Cer | nent Squeeze | e, Etc. | | | | | | | | | | | | | | |
| | Depth Interv | | 886 ACIDIZI | | 10504 | 0074 | 0000 | | | | d Type of | | | | | 0.0014 | | |
| | 820 | 15 10 118 | 886 ACIDIZI | | 1 8524 | 196 7-17 | 2 PER | CENT HCL | ACIL | J, FRAU | WITH 3,50 | J1,Z | 90LB 16/30 | SUPERL | | 20/4 | U JORDAN | |
| | | | | | | | | | | | | | | | | | | |
| 28 Produc | tion - Interval | Δ | | | | | | | | | | | 100 | | | -0 | | |
| ate First | Test | Hours | Test | Oil | | Gas | | | Dil Gr | | Gas | | TIV Ero | | | -0- | K KEGORI | |
| roduced 08/07/2013 | Date 08/07/2013 | Tested 24 | Production | BBL 206 | | MCF 250.0 | BI | 3L (619.0 | Corr. / | API | Grav | vity | | F | LOWS | S FRC | DM WELL | |
| hoke ize | Tbg. Press. Flwg. SI | Csg. Press. 1100.0 | 24 Hr. Rate | Oil BBL 206 | 1 | Gas MCF 250 | W BI | | Gas:Oi Ratio | il | Wei | l Stati PO | | AUG | G 1 | 3 | 2013 | |
| 28a. Produ | iction - Interva | 1 | | 1 | · I | 200 | | | | | | | | Q | B | n_ | | |
| Date First roduced | Test Date | Hours Tested | Test Production | Oil BBL | | Gas MCF | | | Oil Gravity Corr. API | | Gas Gra | | | READ OF | LAN | ID N | ANAGEMENT | |
| hoke ize | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | | Gas MCF | WBI | | Gas:Oi Ratio | ias:Oil tatio | | l Stat | | · · · | | | DOFFICE | |

RECLAMATION DUE <u>2-6-19</u>



| 28b. Prod | luction - Inter | val C | | | | | | · · · · · · · · · · · · · · · · · · · | | | · · · · · •— | | | | |
|---|-----------------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------|--|------------------------------|---|--------------------------|------------------------------|-----------------|--------------------|--|--|--|
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | | Oil Gravity Corr. API | Ga: Gra | s avity | Production Method | | | | | |
| Choke | Tbg. Press. | Csg. | 24 Hr. | Oil | Gas | Water | Gas:Oil | We | Il Status | | | | | | |
| Size | Flwg. SI | Press. | Rate | BBL | MCF | BBL | Ratio | | | | | | | | |
| 28c. Prod | uction - Inter | val D | | L | I | | | I | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | | Oil Gravity Corr. API | Ga: Gra | s 1vity | Production Method | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | | Gas:Oil Ratio | We | Il Status | I | | | | | |
| 29. Dispo SOLI | sition of Gas | (Sold, used | for fuel, ven | ed, etc.) | I | . <u> </u> | | 1 | | | | | | | |
| | nary of Porou | s Zones (In | clude Aquife | rs): | | | | | 31. For | mation (Log) Mar | kers | | | | |
| Show tests, | all important | zones of p | orosity and c | ontents there | eof: Core e tool ope | d intervals and all en, flowing and sh | drill-stem ut-in pressure | es | | | | | | | |
| | Formation | | Тор | Bottom | | Descriptions, | , Contents, et | c . | | Name | | Top Meas. Depth | | | |
| TOP SAL BASE OF DELAWA BONE SF | SALT RE | | 1154 1722 1964 5516 | 1721 1963 5515 12036 | | | | | TO BA DE BO | 1154 1722 1964 5516 | | | | | |
| | | | | | | | | | | | | | | | |
| 32. Addit 2 set attac | | s (include p iled to BLI | lugging proc M-Carlsbad | edure): and 1 set to | D NMOC | :D-Artesia on 8/1 | 2/13. Surve | eys | | | | | | | |
| | e enclosed att | | | | | | | | | | <u> </u> | | | | |
| | ectrical/Mech indry Notice | 0 | | 1 / | | Geologic Re Core Analys | • | t 3. DST Report 4. Directional Survey 7 Other: | | | | | | | |
| 34. I here | by certify the | at the forego | oing and attac | ched informa | tion is co | omplete and correct | t as determir | ned from a | all available | records (see attac | hed instruction | ons): | | | |
| | - | - | Elect | ronic Subm For YATE: | ission #2 S PETRO | 16776 Verified b DLEUM CORPO sing by JOHNNY | y the BLM V RATION, s | Well Info sent to th | rmation Sy e Carlsbad | stem. | | | | | |
| Name | e(please prin | | | | - process | | | | | SUPERVISOR | | | | | |
| Signa | Signature (Electronic Submission) | | | | | | | | Date 08/12/2013 | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | ke it a crime for an epresentations as t | | | | | partment or a | gency | | | |

** REVISED **