Form 3160-4 (April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR

OCD-ARTESIA FEB - 3 2009

FORM APPROVED OMBNO 1004-0137 Expires' March 31, 2007

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| ROVED | W. W. |
| 04.0137 | * |

| | | | | BUREAU | OF LAND MA | ANAG | EMENT | | | | | | · E | xpires' M | arch 31, 2007 | | |
|---|-----------------------------|-----------------|----------------|-------------------|-------------------|--------------|---------------------------|------------|------------------|-----------------------|-------------------|---------------|-------------------|----------------------|---|----------------|------|
| | WEL | T COV | /IPLE | TION OR | RECOMPLE | TION | REPOR | T AN | D LOG | à | | | 5 Lease | Serial No 29420-B | | | |
| la Type o | f Wall | ✓Oıl W | /all Γ | Gas Well | Dry Ot | ho= | | | | - | | | | | e or Tribe Name | = | |
| b Type of | | | | ew Well | Work Over | | n 🔽 Plu | g Back | Пр | ıff R | esvr, | | _ | , | | | |
| | • | | Other | | | | | _ | | | | | 7 Unit of | r CA Agre | eement Name and No | 0 | |
| 2. Name | of Operator | V-FP | etroleu | m Inc. | | | | | | | | \neg | | | Well No. | | |
| 3. Addres | S D O B | ov 1990 | Midle | nd, Texas 79 | 702 | | 3a. Pho | ne No | (ınclude | area | code) | - | Pantl P. AFI W | ner Fede ell No. | eral #1 | | |
| | - 1.0. в | UX 1007, | Millia | iiu, 1 caas 79 | | | | 2-683- | | | | | 30-01 | 5-29142 | | | |
| 4 Locatio | on of Well | (Report lo | cation (| clearly and in | accordance with | Federal | requiremen | ts)* | | | | | | | or Exploratory th Bone Spring | يو | 6405 |
| At surf | race U | nit K 1,8 | 30' FS | L & 2,130' I | WL Section 33, | T-17-S | S, R-31-E | | | | | <u> </u> | | | | 2 | W10 |
| At top | prod inter | val reporte | ed belov | v | | | | | | • | | 1 | Survey | or Area | on Block and Sec 33, T-17-S, R-31-E | | |
| | | - | | | | | | | | | | | | or Parisl | h 13. State | | |
| At tota | | | 115 | Date T D Rea | oched | - 1 | 16. Date C | omnlete | d | 22/2/ | | | Eddy 7. Elevat | ione (DF | RKB, RT, GL)* | | |
| | /1996 | | 13. | 11/03/1990 | | | D & | • | d 11/2 ✓ Read | 22/2(dy to | |] ' | | GL 3, | | | |
| 8. Total I | Depth M | ID 11,94 | 10' | 19 | Plug Back T D | MD 9 | 9,420' | | 20 D | epth | Bridge | Plug So | t MD | | 9,445' + cement | | |
| | T | VD 11,94 | 10' | 1 | | TVD | 9,420' | _ | Ī | | | | TVI |) | | | |
| 21. Type E | electric & | Other Me | chanic | al Logs Run (| Submit copy of ea | ach) | | | | | ell cor | | No L | Yes (Su | bmit analysis) | _ | |
| Logs | on file (ur | ider orig | inal op | erator - Oxy |) | | | | l | | ST rur | 1'' urvey' |]No | | bmit report) (Submit copy) | | |
| 23. Casing | g and Line | er Record | (Repo | ort all string. | s set in well) | | | - | | n ccu | onai 5 | ui vey ' | [4]140 | 1 cs . | (Subliff Copy) | — | |
| Hole Size | | 1 | (#/ft) | Top (MD) | Bottom (MD) | | Cementer | | of Sks & | | Slum | y Vol BL) | Cement | Top* | Amount Pulled | | |
| 17 1/2" | 13 3/8 | 11A0 48 | | 0 | 393' | | Depth | | of Ceme C & H | 111 | 191 | DL) | 0 vísua | ıJ | 1 | — | |
| 11" | 8 5/8" | | & 32 | 0 | 3,018' | 697 | | | С&Н | | 603 | | 0 visua | ıl | | | |
| 7 7/8" | | N-80 11. | | 0 | 11,936' | 9,30 | 00 &6,336 | | C, H & | ż | 441 | | 2,481' | TS | | | |
| | and S-9 | 5 11. | .60 | ļ | | | | light | weight | - | | | | | | | |
| | | _ | | | | - | | | | | | | | | <u> </u> | | |
| 24. Tubing | Record | | | | | | | L | - | | | | 1 | | <u> </u> | | |
| Size | | Set (MD) | Pack | er Depth (MD) | Size | Dept | h Set (MD) | Packer | Depth (1 | MD) | | Size | Depth | Set (MD) | Packer Depth (M | (D) | |
| 2 3/8" | 7,901' | | NA | | | 1 | D 0 | | , | | | | | | | | |
| 25 Produc | ing Interva Formation | |) – 14 | 20 / 7,8% Top | 78-7888 Bottom | 26. | Perforation Perforated | | 1 | 9 | ıze | l No | Holes | I - | Perf Status | | |
| A) Secon | | | nd | 7,371' | 7,904' | 7.41 | 0'-7,420' 7 | | .888' | .41 | 120 | 42 | 110103 | Open | 1 CIT Status | | |
| A) Second Bone Spring sand 7,371' B) Wolfcamp 9545' | | | 9606' | 9,545' - 9,606' | | | .41 | | 12 | | CIBP + cement | | — | | | | |
| C) Morr | | | | 11.731' | 11,7.51 | 11,7 | 31' - 11,75 | 1' | | 0.35 | i . | 80 | | CIBP | + cement | | |
| D) | | | | | | i | | | | | | | | | | | |
| | racture, Ir Depth Interv | | Jement | Squeeze, etc | | | Δ | mount s | and Type | of M | aterial | | | | | | |
| 7,410' - ' | | | | 2,000 gallo | ns HCl acid/91, | 266 gal | | | | | | | | | , | | |
| - 0-01 | - 0001 | | | 4.500 | 77.63 | -04 | 100/ 15 | ~ · | | 215 | 1 1 6 10 | | | | | | |
| 7,878' - ' | 7,888' | | | 1,500 gallo | ns HCl acid/89, | 796 gal | gel 2% K | Ol wate | r + 200 | ,315# | † 16/3 | 0 sand | - | | | —. | , |
| 28. Produ | ction - Inte | rval A | | | | | 1 | | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Produ | Oil iction BBL | Gas V MCF E | Water BBL | . Oıl Gra Corr A | vity PI | Ga Gr | s avity | I | Production | Method | , | | | |
| 11/22/2008 | 12/01/2008 | 12 | | 45 | | 45 | 38.6 | | | | , | ROD PU | | | | | |
| Choke | Tbg Press Flwg | Csg Press | 24 Hr | Oil BBL | | Water BBL | Gas/Oil Ratio | | Wel | 1 Statu | s | 101 | EDT | En I | UB BEC | NR | וח |
| Size NA | SI NA | 50# | Rate | 45 | _ I | 45 | 1089/1 | | | | | PŖŌĐŲ | CING | LUI | OR REC | VII | ا ت |
| 28a. Produ | | | | | | | | | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Produc | Oil BBL | | Vater BBL | Oil Gra Corr A | vity PI | Gas Grav | ıty | | Production | 1 | | | Į. | |
| , | | | <u> </u> | → | | | ì | | | | | | | IAN 3 | 3 0 2009 | | |
| Choke Size | Tbg Press Flwg | Csg Press | 24 Hr Rate | Oıl BBL | Gas V MCF E | Vater BBL | Gas/Oil Ratio | | Well | Status | 1 | | 1 | 1/ | | | |
| | SI | | } | | | | | | | | | • | المسلم | US | <u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </u> | -M- | Ì |
| *(See ins | tructions a | nd spaces | for add | litional data o | n page 2) | | | | | | | 8 | TUREAU | OF LA | ND MANAGEM | LIVI | |

NEW

| 28b. Production - Interval C Date First Test Production BBL MCF BBL Corr. API Gas Gravity Production Method | | | *, *: | |) 4; | | | | | | | | |
|--|--|---------------|-----------------|--------------|----------------|---------------|--------------------------|----------------|---------------------------------------|---------------------------------------|--|--|--|
| Produced Date Tested Production BBL MCF BBL Corr. API Gravity | 28b. Production - Inte | erval C | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| Size Flwg. Press. Rate BBL MCF BBL Ratio | | | Production | Orl BBL | Gas MCF | | Oil Gravity Corr. API | | Production Method | | | | |
| Date First Test Date D | Size Flwg. | | 2711. | | | | | Weil Status | | | | | |
| Produced Date Tested Production BBL MCF BBL Corr. API Gravity Choke Size Tbg. Press. Csg. Press. Rate BBL MCF BBL Gas Water BBL Ratio 29. Disposition of Gas (Sold, used for fuel, vented, etc.) 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. Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth MORROW 11,731' 11,751' OIL WATER & GAS SECOND BONE 7,371' 7,904' OIL, WATER & GAS IST BONE SPRING SPRING CARBONATE 5,250' 7,240' | 28c. Production - Int | terval D | | | | | + | | | | | | |
| Choke Size Tog. Press. Csg. Press. Size BBL MCF BBL Gas/Oil Ratio Well Status 29. Disposition of Gas (Sold, used for fuel, vented, etc.) 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. Top Meas. Depth MORROW 11,731' 11,751' OIL WATER & GAS WOLFCAMP 9,545' 9,606' WATER SECOND BONE 7,371' 7,904' OIL, WATER & GAS SPRING Size Press. Size Size Size Size Size Size Size Size | Produced Date Tested Production BBL MCF BBL Corr. API Gravity | | | | | | | | | | | | |
| 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. Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth MORROW 11,731' 11,751' OIL WATER & GAS WOLFCAMP 9,545' 9,646' WATER SECOND BONE 7,371' 7,904' OIL, WATER & GAS SAN ANDRES 1ST BONE SPRING CARBONATE 5,250' 1ST BS SD 7,240' | Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Well Status Size Flwg. Press. Rate BBL MCF BBL Ratio | | | | | | | | | | | | |
| 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. Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth MORROW 11,731' 11,751' OIL WATER & GAS WOLFCAMP 9,545' 9,606' WATER SECOND BONE 7,371' 7,904' OIL, WATER & GAS SPRING CARBONATE 1ST BONE SPRING CARBONATE 5,250' 1ST BS SD 7,240' | 29. Disposition of (| Gas (Sold, u | sed for fuel, v | ented, etc., |) | | | <u> </u> | | | | | |
| 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. Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth MORROW 11,731' 11,751' OIL WATER & GAS WOLFCAMP 9,545' 9,606' WATER SECOND BONE 7,371' 7,904' OIL, WATER & GAS SPRING CARBONATE 1ST BONE SPRING CARBONATE 5,250' 1ST BS SD 7,240' | | | · · · · · | | | | | | | | | | |
| tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth MORROW 11,731' 11,751' OIL WATER & GAS SAN ANDRES 1ST BONE SPRING SECOND BONE 7,371' 7,904' OIL, WATER & GAS CARBONATE 5,250' SPRING 1ST BS SD 7,240' | • | | • | | thereof: (| Cored interva | als and all drill-stem | , 3 | | | | | |
| Meas. Depth | tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures | | | | | | | | | | | | |
| Meas. Depth | | Τ_ | Т. | T | | | | | | Top | | | |
| WOLFCAMP 9,545' 9,606' WATER 1ST BONE SPRING SECOND BONE 7,371' 7,904' OIL, WATER & GAS CARBONATE 5,250' SPRING 1ST BS SD 7,240' | Formation | Top | Bottom | | Descr | iptions, Cont | ents, etc. | | Name | | | | |
| SPRING 1ST BS SD 7,240' | | | 1 ' | 1 | | a GAS | | | | 3,868' | | | |
| | | 7,371 | 7,904 | OIL, | WATER & | & GAS | • | 1 | | | | | |
| 2ND BS SD 7,769' | ST KKI (G | | | | | | | 2ND BS | CARBONATE | 7,490' | | | |
| 3RD BS CARBONATE 8,080' | | | } | | | | | 3RD BS | CARBONATE | 8,080' | | | |
| 3RD BS SD 8,510' WOLFCAMP 8,710' | | | | - | - | | 1 | | | | | | |
| STRAWN 10,822' ATOKA 11,310' | | | | | | | | 1 | | | | | |
| MORROW 11,528' | | | | | | | | | | | | | |
| | | | | | | | 1 | | | | | | |
| | | | | | | | | } | | | | | |
| | | |] | | | | | } | | | | | |
| | | | | | | | | | | | | | |
| | | <u> </u> | | <u> </u> | | | | <u> </u> | | | | | |
| 32. Additional remarks (include plugging procedure): | 32. Additional remar | rks (include | plugging proc | cedure): | | | | | | | | | |
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| | | | | | | | | | | | | | |
| | | | | | _ | | | | | | | | |
| 33. Indicate which itmes have been attached by placing a check in the appropriate boxes: | 33. Indicate which itr | mes have be | en attached b | y placing a | a check in the | he appropriat | e boxes: | | | | | | |
| ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey | | | | . , | = | | = : | Direction | al Survey | | | | |
| Sundry Notice for plugging and cement verification Core Analysis Other: | Sundry Notice | e for pluggin | ig and cement | . vermeand | on L Cor | re 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)* | 34. I hereby certify th | hat the foreg | oing and attac | ched inform | nation is co | mplete and co | orrect as determined fr | om all availab | ole records (see attached instruction | ns)* | | | |
| Name (please print) S.K. LAWLIS Title VICE PRESIDENT | | | | | | | | | | | | | |
| Signature S. K. Lawlis Date 12/29/2008 | Signature | S. K | . La | wli | ν | | Date 12/29/20 | 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. | | | | | | | | | | | | | |

(Form 3160-4, page 2)