

Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|   |
|---|
| WELL API NO.<br>30-025-10096  |
| 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No.  |
| 7. Lease Name or Unit Agreement Name<br>Arrowhead Grayburg Unit                                     |
| 8. Well Number 214  |
| 9. OGRID Number<br>330679   |
| 10. Pool name or Wildcat<br>Eunice Monument; Grayburg – San Andres                                  |

|   |  |
|---|--|
| <p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br/>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)</p> |  |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other - Injector   |  |
| 2. Name of Operator<br>Empire Petroleum Corporation   |  |
| 3. Address of Operator<br>2200 S. Utica Place, Suite 150, Tulsa, Ok 74114   |  |
| 4. Well Location<br>Unit Letter <u>O</u> : <u>660</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>East</u> line<br>Section <u>7</u> Township <u>22S</u> Range <u>37E</u> NMPM County Lea         |  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)  |  |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                                   |   | SUBSEQUENT REPORT OF:                            |  |
|---|---|--|--|
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>           | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>              | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>             | MULTIPLE COMPL <input type="checkbox"/>   | CASING/CEMENT JOB <input type="checkbox"/>       |  |
| DOWNHOLE COMMINGLE <input type="checkbox"/>               |   |  |  |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>               |   |  |  |
| OTHER: <input type="checkbox"/>                           |   | OTHER: <input type="checkbox"/>                  |  |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

It is proposed to:

- Unset packer.
- Scan tubing OOH.
- RIH w/ pkr and RBP on WS.
- Locate and isolate csg leak – if present.
- Establish injection rate and pressure into leak.
- Repair csg leak.
- Clean out to RBP and pressure test csg to 500 psi.
- Clean out to TD and set redressed injection packer.
- Circulate packer fluid in the casing-tubing annulus.
- Perform MIT.
- Return well to injection.

**Condition of Approval: notify  
OCD Hobbs office 24 hours  
prior of running MIT Test & Chart**

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Nathan Sandel TITLE Production Engineer DATE 07/03/2023

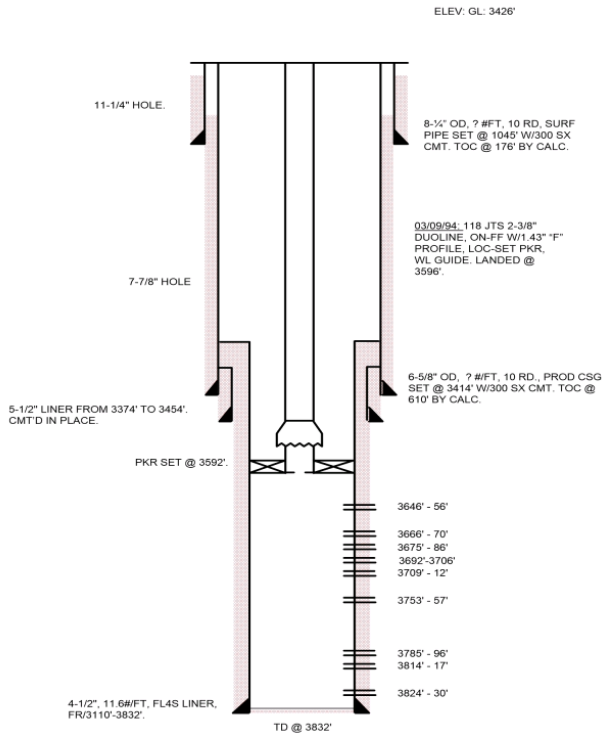
Type or print name Nathan Sandel E-mail address: nsandel@empirepetrocorp.com PHONE: 918-404-4202

**For State Use Only**

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 7/6/23

# Current WBD

## ARROWHEAD GRAYBURG UNIT #214 WIW FKA MATTERN #5 WELLBORE DIAGRAM



### DATA

**LOCATION:** 660' FSL & 1980' FEL, SEC 7, T22S, R37E  
**COUNTY/STATE:** LEA, NM  
**FIELD:** ARROWHEAD  
**FORMATION:** GRAYBURG  
**SPUD DATE:** 4/21/36 **COMPLETION DATE:** 7/27/36  
**API#:** 30-025-10096  
**STATUS:** INJECTOR  
**IIP:** 13 BOPD / 237 BWPD / NMOG

### WELL HISTORY

**COMPLETION DATA:** OPEN HOLE ACIDIZED W/ 1000 GALS 15% HCL.

**04/21/36:** SPUD.

**??/??/??** CMT 5-1/2" LINER FR/ 3374' TO 3454' IN ATTEMPT TO SHUT OFF WTR PROD AROUND CSG SHOE.

**06/15/40:** TAG FILL @ 3722'. CO DRLG ON WIRE, WOOD, & IRON @ 3719'. GOT PAST "JUNK" & CO TO 3739', FOUND MORE "JUNK" ON BTM. STOPPED MILLING ON JUNK AFTER SEVERAL HRS. RAN SCHLUMBERGER LOG TO IDENTIFY WTR ENTRY. IN-CONCLUSIVE. PLUG BACK FR/ 3746' TO 3710' USING 15SXS CMT. A. W/ 500 GALS. PLACE WELL ON PROD. HISTORY INDICATES WTR SHUT OFF WAS ACHIEVED.

**12/27/58:** WELL SHUT-IN.

**02/23/94:** TOH W/ PROD TBG. TST CSG TO 500# - OK. TIH W/ BIT & TBG. TAG CMT @ 3710' (PBDT). ENCOUNTERED FISH @ 3741' & MILL ON FISH. PULLED WIRE & 3' OC CORED FORM W/ ROTARY SHOE. DEEPEN WELL FR/ 3746' TO 3832' (ZN 5). RU WL & LOG OH W/ GR/RHOB/CCL. UNDERREAM 3710' - 3832' TO SET LINER. SET LINER 3110' TO 3832' & CMT IN PLACE. TAG CMT @ 2710' & DO CMT TO PBDT @ 3832'. TEST LINER TO 300# - OK. SELECTIVELY PERF W/2 JHPF, 180 DEG PHASIG FR/3646-56', 3666-70', 3675-3686', 3692-3706', 3709-3712', 3753-57', 3785-96', 3814-17', 3824-30'. SET PPI PKR & SELECTIVELY A. PERFS 3646' - 3830' (OA) [NOTE: ACID VOLUMES NR] RU & SWB. RUN INJECTION EQUIP. SET PKR @ 3592' TO TST CSG TO 330# FOR OCD. PMP OUT PLUG, RD & MO.

**02/15/07:** ACID WASH PERFS W/ 3000 GALS 20% 9010 @ 4100# @ 1.1 BPM. RWTL.

**08/18/11:** ACID MP, PMPD 2000 GALS 20% 90/10 ACID @ 1 BPM W/1700 PSIG MAX PRESS. RWTL.

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CONDITIONS

Action 235442

CONDITIONS

|  |   |
|--|---|
| Operator:<br>Empire New Mexico LLC<br>2200 S. Utica Place<br>Tulsa, OK 74114 | OGRID:<br>330679                              |
|  | Action Number:<br>235442                      |
|  | Action Type:<br>[C-103] NOI Workover (C-103G) |

CONDITIONS

| Created By | Condition        | Condition Date |
|------------|------------------|----------------|
| kfortner   | Run PWOT MIT/BHT | 7/6/2023       |