

Submit 1 Copy To Appropriate District

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 ResourcesForm C-103
Revised July 18, 2013OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-025-37285

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Arrowhead Grayburg Unit

8. Well Number

398

9. OGRID Number 330679

10. Pool name or Wildcat
Arrowhead; Grayburg

SUNDRY NOTICES AND REPORTS ON WELLS

(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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Empire Petroleum Corporation – New Mexico

3. Address of Operator

2200 S. Utica Place Suite 150, Tulsa, Oklahoma 74114

4. Well Location

Unit Letter P : 205 feet from the South line and 990 feet from the East lineSection 12 Township 22S Range 36E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3456' GL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐DOWNHOLE COMMINGLE ☐CLOSED-LOOP SYSTEM ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

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.

1. MIRU WOR.
2. POOH with rods and pump.
3. Unset TAC, and scan tubing OOH.
4. RIH with bit and scraper to 3850'.
5. Redress pump.
6. RIH with tubing, replacing bad joints, set TAC @ 3623'
7. RIH with rods and pump.
8. Load and test
9. Notify NMOCD
10. RDMO WOR.
11. RTP

Perform PWOT BHT

Spud Date:

Rig Release Date:

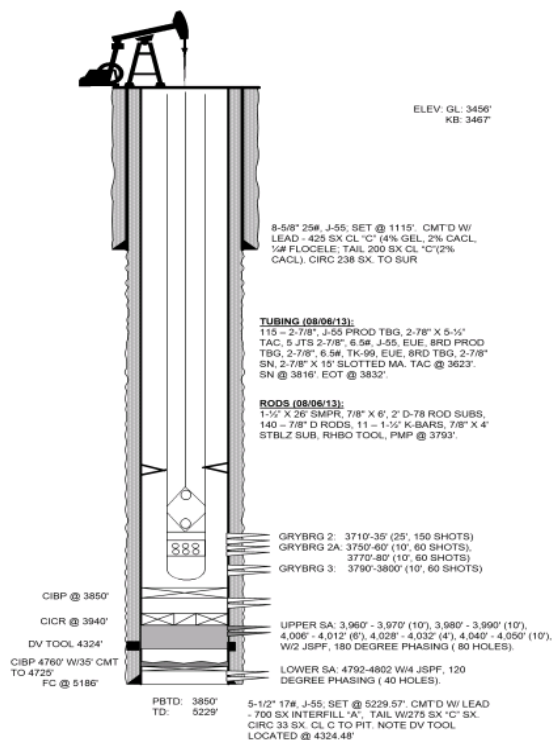
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Genaro Sanchez TITLE Engineer DATE 08/31/23Type or print name Genaro Sanchez E-mail address: gsanchez@empirepetrocorp.com PHONE: 936-523-0102

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 9/1/23

Conditions of Approval (if any):

Current WBD**ARROWHEAD GRAYBURG UNIT #398
WELLBORE DIAGRAM****DATA**

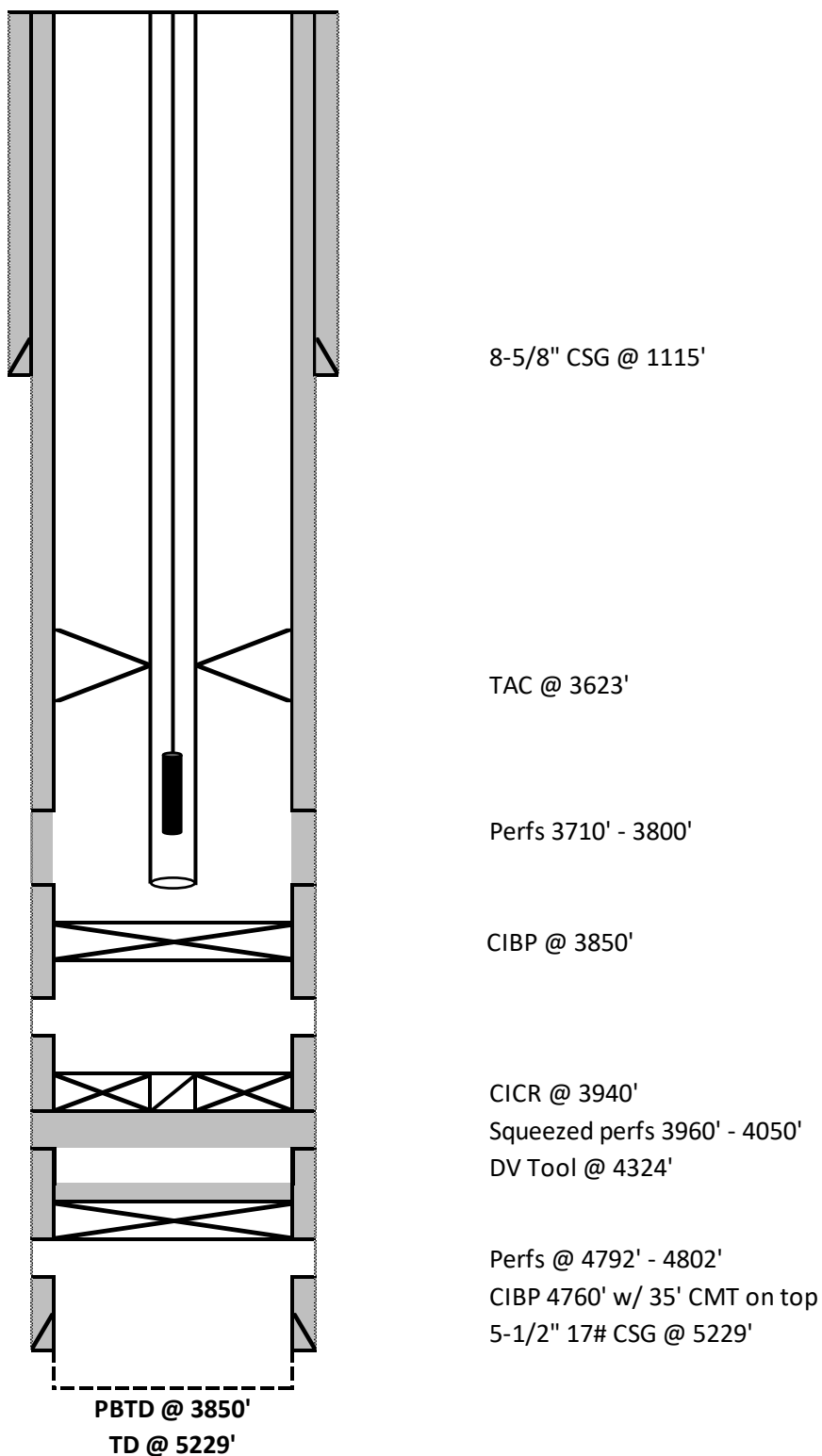
LOCATION: 205' FSL & 990' FEL, SSEC 12, T22S, R36E
 COUNTY/STATE: LEA, NM
 FIELD: ARROWHEAD
 FORMATION: GRAYBURG
 SPUD DATE: 8/16/05 COMPLETION DATE: 2/16/06
 API#: 30-025-37285
 STATUS: PRODUCER ESP
 IP: 38 BPD, 16 MCFD, 38 BW

WELL HISTORY**COMPLETION DATA:**

INITIAL FORMATION: GRAYBURG FR/ 3747'-3850'. OH COMPLETION. INITIAL FORMATION: GRAYBURG/SAN ANDRES FR/3682 TO 3876. DRILL TO 5225'. SET 5-1/2" CSG.

- 08/24/05:** SPUD 8/16/05. 8-5/8" CSG SET @ 1115'. 5-1/2" CSG SET @ 5230'. CMT'D 1ST STG @ 5,225' (07/24 HRS). LDDP & DC'S. RAN GR/CAL/CNL/FDC/DLL/MSFL FR/LOGGERS TO @ 5,168'-1,114'. PULLED GR/CNL TO SURF. RAN 123 JTS OF NEW 5-1/2", 17# J-55, LTC CSG. WASHED LAST 2 JTS CSG TO BTM & CMT'D 1ST STG. CMT'D STG 2 W/700SX INTERFILL "A" MIXED @ 11.9 PPG, 2.47 YLD + 275SX "C" MIXED @ 14.8 PPG, 1.38 YLD, CIRC 33SX CMT TO PITS ON STG 2.
- 08/30/05:** TAG DV TOOL @ 4,317'. DO 5' CMT & DV TOOL. FELL FREE @ 4,328'. FIH & TAG FC @ 5,182.32'. RIH TO 5,100'. PRESS TEST CSG TO 1000 PSIG FOR 15 MIN. TESTED OK. CIRC HOLE CLEAN & PU TO 4,792'. SPOT 250 BBLS 15% NEFE ACID @ 4,792'. RIH W/4 JTS 2-7/8" TBG FOR KILL STRING.
- 09/01/05:** RAN GAMMA RAY, CCL & CMT BOND LOG FR/5,182' TO 3,200'. PERFD FR/4,792' TO 4,802' (10') W/4 JSPF, 120 DEGREE PHASING (40 HOLES). RIH W/5-1/2" TST-3 PKR, CROSSOVER. SN & 145 JTS 2-7/8" TBG. SET PKR @ 4,583'. PMPD A TOTAL OF 1,000 GALS 15% MUD CLEAN-UP ACID @ RATE OF 2.5 BPM & 1,050 PSIG. NO BALL ACTION. FLUSHED ACID W/36 BBLS OF PROD WTR. ISIP - 866 PSIG. 5 MIN SI PRESS 832 PSIG. 10 MIN SI PRESS 813 PSIG. 15 MIN SI PRESS 798 PSIG.
- 09/06/05:** SET 5-1/2" CIBP @ 4,760'. PRESS TST CIBP TO 500 PSIG. TSTD OK. PU 4" PERF GUNS. PERFD FR/3,960' - 3,970' (10'), 3,980' - 3,990' (10'), 4,006' - 4,012' (6'), 4,028' - 4,032' (4'), 4,040' - 4,050' (10'), W/2 JSPF, 180 DEGREE PHASING (TOTAL - 80 HOLES). DUMP 35' OF CMT ON CIBP (2 - RUNS).
- 09/08/05:** A. SAN ANDRES W/4,000 GALS 15% NEFE 3960'-4050'. SWBD. RIH W/ESP PMP & TBG. RWTP.
- 10/14/05:** DROP ESP BELOW PERFS WITH 4-1/2" SHROUD.
- 01/11/06:** SWAB PERFS FR/3960'-4,050'.
- 02/01/06:** SQZ UPPER & LOWER SAN ANDRES PERFS FR/3,960' - 4,050'. EST INJ RATE OF 2.0 BPM @ 29 PSIG W/5 BBLS OF FRESH WTR. MIX & PMP 300 SX CLASS "C" W/2% CACL @ 2.0 BPM & 92 PSIG FOLLOWED BY 150 SX CLASS "C" NEAT CMT @ 2.2 BPM & 120 PSIG. OBTAIN SQZ W/1,122 PSIG & 450 SX CMT IN FORM. STING OUT OF

Proposed WBD



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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 260729

CONDITIONS

Operator: Empire New Mexico LLC 2200 S. Utica Place Tulsa, OK 74114	OGRID: 330679
	Action Number: 260729
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run PWOT BHT	9/1/2023