

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.

30-025-10351

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

216

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 A : 660 feet from the North line and 660 feet from the East lineSection 18 Township 22S Range 37E NMPM County Lea

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

3418' 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 ☐

PNR

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. RIH with CIBP amd set at 3528' and spot 25 sks Class C cmt on top.

3. Perf & sqz. 50 sks class C cmt @ 2859'-2375'. WOC & tag (Yates & B/Salt est)

4. Perf & sqz. 50 sks class C cmt @ 1375'-1117'. WOC & tag (T/Salt est)

5. Perf & sqz. 160 sks class C cmt @ 114'-surface.

6. RDMO WOR

7. Notified NMOCD

8. Dug out around wellhead and cut. Welded DHM and cleaned location.

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 09/15/2023Type 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 9/18/23

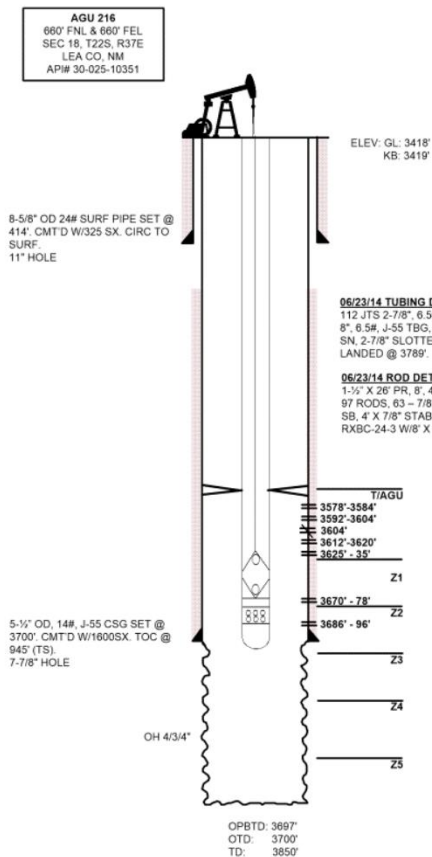
Conditions of Approval (if any):





Current WBD

AGU #216 FKA A. L. CHRISTMAS (NCT-C) #8 WELLBORE DIAGRAM



DATA

LOCATION: 660' FNL & 660' FEL, SEC 18, T22S, R437E
COUNTY/STATE: LEA, NM
FIELD: ARROWHEAD
FORMATION: GRAYBURG
SPUD DATE: 2/22/57 **COMPLETION DATE:** 06/06/57
API#: 30-025-10351
STATUS: BEAM
IIP: 40 BOPD/135 MCFGPD/132 BWPD
IIF: GRAYBURG FROM: 3625' TO: 3696'
PERF 3625' - 3696' (AGU - ZN 2). ACDZ W/ 4500 GALS 15%. FRAC W/ 15,000 GALS OIL W/ 1# SPG. SET BP @ 3640'. PERF 3604' (AGU). SET CMT. RETAINER @ 3580' & SQZ W/ 125 SXS. DO TO 3697'. INSTALL ROD PUMP.

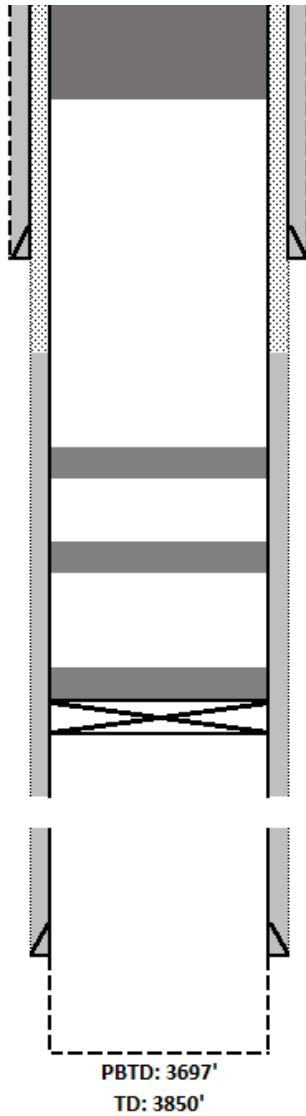
WELL HISTORY

10/16/63: DUMP ACID W/ 500 GALS 15%..
12/01/92: DEEPEN FROM 3700' - 3850'. LOG HLS SDL-DSN-GR-CAL-CCL. **ACDZ OH & PERFS 3625'-3696' (AGU - ZN 5) W/ 1700 GALS 15% NEFE & 1000# GRS.** SWB 3625'-3696' & OH 3700'-3850' REC 104 BF (5% OC, GASSING AFTER @ RUN) / 23 RUNS IN 6 HRS.; FER 16-20 BPH. SWB 3807'-50' (ZN 4 & 5) REC 24 BW / 9 RUNS IN 3 HR. & SWB DRY; FER 24 BPH. SWB 3706' - 3850' (ZN'S 2-5) REC 146 BW (4-20% OC) / 24 RUNS IN 7 HRS.; FER NOT REPR'T'D. **SELECTIVELY PERF 3578' 84, 3592-3604, 3612- 20' (AGU) W/ 2 SPF. SELECTIVELY ACDZ 3578'-3696' (PPI PKR) W/ 924 GALS.** SWB 3578'-3696' & OH 3700'-3850' REC 76 BF (5-10% OC) / 16 RUNS IN 4.5 HR.; FER 16-18 BPH. TIH W/ PROD. TBG & TO PRODUCTION.
12/22/92: TEST PUMP 54 BOPD + 212 MCFGPD.
12/30/92: TEST PUMP 29 BOPD + 149 MCFGPD + 59 BWPD.
03/26/97: ACDZ W/5000 GALS RESISOL II
03/11/05: POH W/2-3/8" TBG & PMP.
03/12/05: RIH W/TBG, PMP & RODS.
06/29/07: CO TO 3850'. WASHED OH F/ 3676'-3850' W/ 164 BBLs 9# BW. SONIC HAMMERED OH W/ 5000 GALS OF 20% 90/10 HCL. AIR 4.4 BPM @ 2600#. AVG CSG PRESS 500#. RWTP
08/10/07: PUT WELL ON BEAM PMP.
06/26/14: ACID STIM. SONIC HAMMER WASHED GRAYBURG PERFS & OH FR/3578'-3850', DID NOT CIRC. SONIC HAMMER **ACDZ GRAYBURG OH & PERFS FR/3578'-3850'** W/5500 GALS 20% 90/10 ACID @ 4.5 BPM 500 PSIG. FLUSHED W/22 BBLs 10# BRINE. DROPPED BALL PMP 16 BBLs 10# BRINE SHIFT SLEEVE. SWBD. PMPD TO 500 PSIG IN 4 STRKS W/NO LOSS. RAN BEAM. RWTP.

ADDITIONAL DATA:

T/QUEEN @ 3345'
T/PENROSE @ 3450'
T/AGU @ 3569'
T/GRAYBURG ZONE 1 @ 3634'
T/GRAYBURG ZONE 2 @ 3671'
T/GRAYBURG ZONE 3 @ 3742'
T/GRAYBURG ZONE 4 @ 3782'
T/GRAYBURG ZONE 5 @ 3828'
T/SAN ANDRES @ (EST) 3866'

Proposed WBD



Perf and sqz 160 sks Class C cement from 114' - surface



8-5/8" CSG @ 414'

Casing integrity issue from 1020' - surface'
TOC @945' (TS)

Perf and sqz 50 sks Class C cement @ 1375'. WOC and tag. (T. Salt)

Perf and sqz 50 sks Class C cement @ 2859'. WOC and tag. (Yates and B. Salt)

CIBP @ 3528' w/ 25 sks class C cmt

Perfs: 3578' - 3696'

5-1/2" 14# CSG @ 3700'

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COMMENTS

Action 265531

COMMENTS

Operator: Empire New Mexico LLC 2200 S. Utica Place Tulsa, OK 74114	OGRID: 330679
	Action Number: 265531
	Action Type: [C-103] Sub. Plugging (C-103P)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	9/18/2023

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Created By	Condition	Condition Date
kfortner	Need C103Q and marker photo to release	9/18/2023