

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-025-08731
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

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
Chevron U.S.A. Inc.

3. Address of Operator
P.O. Box 1150 Midland, TX 79702

4. Well Location

7. Lease Name or Unit Agreement Name:

ARROWHEAD GRAYBURG UNIT

8. Well No.

147

9. Pool name or Wildcat

ARROWHEAD; GRAYBURG

Unit Letter **B** : **660** feet from the **NORTH** line and **1980** feet from the **EAST** line

Section **01** Township **22S** Range **36E** NMPM County **LEA**

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

11. 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 COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

CHEVRON PROPOSES TO P&A PER ATTACHED PROCEDURE

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.

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

SIGNATURE *J. K. Ripley* TITLE REGULATORY O.A. DATE 10/15/01

Type or print name J. K. RIPLEY Telephone No. (915) 687-7148

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____
Conditions of approval, if any:

MP

Arrowhead Grayburg Unit # 147
API # 30-025-08731
Section 1, T22S, R36E, UL. B

WBS # UWPWB-A10___-ABN
660' FNL & 1980' FEL
Lea County, New Mexico

Recommended P&A Procedure

Notify OCD 24 hrs prior to operations.

1. This procedure will P&A the Arrowhead Grayburg Unit # 147.
2. MIRU PU. Conduct Safety Meeting. Contact OCD. ND WH. NU BOP.
3. RIH w/WS. RU Sierra.
4. Cap existing CIBP set @ 3640', w/35' CI 'C' cement plug by bailer, from 3640' to 3605', above T/AGU. Tag cement.
5. Spot 100' CI 'C' balanced cement plug from 2560' to 2460', 50' above & below, Base of Salt. Tag cement.
6. Perf & Sqz, w/100' CI 'C' balanced cement plug from 1265' to 1165', 50' above & below, Top of Salt. Tag cement.
7. Perf & Sqz, w/100' CI 'C' balanced cement plug from 343' to 243', 50' above & below 10-3/4" casing shoe. Tag cement.
8. Spot 10 sx CI 'C' balanced cement plug from 70' to surface.
9. ND BOP. RD PU. ND wellhead. Cut off casing 4' below GL & cap.
10. Install 4" P&A marker 4' above GL w/the following stamped on it:
ChevronTexaco Corporation
Arrowhead Grayburg Unit # 147
660' FNL & 1980' FEL
T22S, R-36E, Sec. 1, UL B
Lea County, NM
11. Remove all equip, deadman, and junk from location.
12. Fill any pits and level location.

Class C Cement:

1% CaCl (Cement Accelerator)
0.5 BA-10 (Fluid Loss Additive)
0.3 CD-32 (Cement Dispersant)
905# Brine w/25# of gel per BBL

Gwen Wilkinson
Petroleum Engineer
CTN 915-687-7507

Casing	Depth
Surf Csg	10-3/4" @ 293'
Prod Csg	6" @ 3705'
Liner	4-1/2"
Formation Tops	Depth
T/Rustler	1124'
T/Salt	1215'
B/Salt	2510'
T/7Rvrs	2912'
T/Queen	3353'
T/Penrose	3456'
T/AGU	3646'
T/Grayburg Z-1	3658'

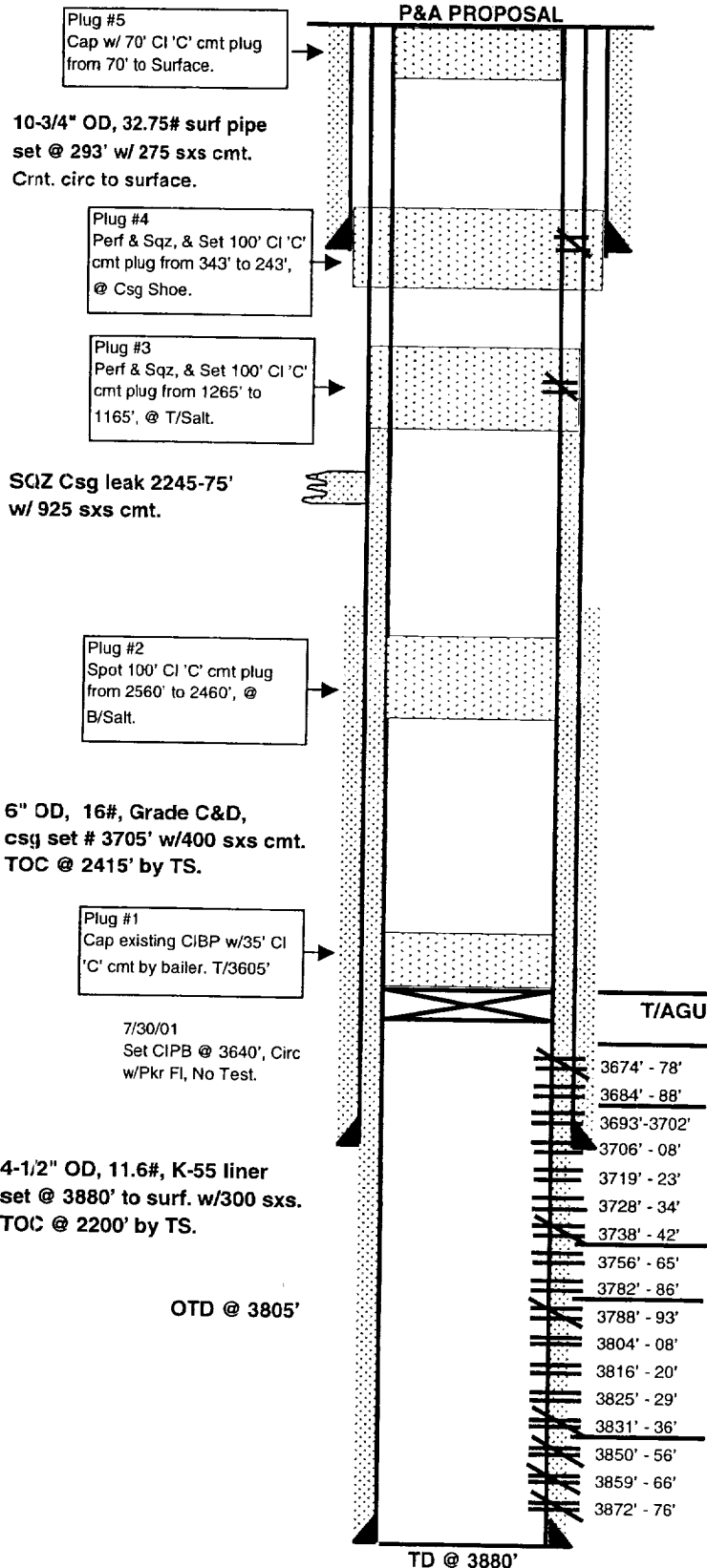
P&A PROPOSAL WELL DATA SHEET

FIELD: Arrowhead
LOC: 660' FNL & 1980' FEL
TOWNSHIP: 22-S
RANGE: 36-E
 [Formerly H.T. Mattern (NCT-F) #1]

SEC: 1
COUNTY: Lea
STATE: NM

WELL NAME: AGU No. 147
GL: 3496'
KB: 3510'
DF to GL: 11.0'

FORMATION: Grayburg
CURRENT STATUS: Producer
API NO: 30-025-08731
CHEVNO: FA-9792



Date Completed: 12-12-38
Initial Production: 70 BOPD / 176 MCFGPD
Initial Formation: Grayburg **From:** 3705' **To:** 3805'
Completion Data:
 ACDZ OH w/ 7000 gals.

Workover History:
 03-20-43 Set production pkr @ 3751'.
 04-09-56 PB to 3786' w/24 gals hydromite. Frac'd OH w/10,000 gals visco frac w/ 1# spg.
 08-21-67 Dump acid w/500 gals 15% HCL.
 02-26-68 Installed pumping unit.
 02-01-79 Chem treat
 09-21-91 Re-enter well to deepen. Located leak in 6" csg 2245' - 2275'. Log ATLAS VERTILOG 3650' to surface. Drill 3788' - 3880' & circ clean. Log HLS DSN-GR-CAL-CCL, no DLL due to HLS. Run 4-1/2" csg from TD to surface. Perf Sqz hole @ 2100' & pump 1075 sxs cmt up annulus; CO 20 sxs to pit. DO cmt & clean hole. Selectively perf. 3674' - 3876' (Zn's 1-5). ACDZ w/ 2400 gals 15% NEFE (150 gals per set) w/ 2 SPF. Swb total Rec 87 BW (trace oil) / 16+ runs; SFL @ 2000', FER 24 BPH. Kill well, run prod tbg & TO to production.
 10-21-91 Test pump -0- BO + 30 MCFGPD + 270 BWPD.

02-16-92 Swb test 3797' - 3879 Rec 2 BO + 109 BW + good blow gas / 34 runs in 6 hrs; SFL 2100', FFER 17 BPH; cutting 3% oil in final sample. Swb 3670' - 3797' Rec 99 BW (trace oil in final sample); SFL 2200', FFER 15-18 BPH. ALL PERFS COMMUNICATED. CIGR @ 3370' & SQZ all perfs w/ 271 sxs cmt. DO cmt & circ clean; no FE. Selectively re-perf 3674' - 78' 3684-88, 3693-3702, 3706-08, 3719-23, 3728-34, 3756-65, 3782-86, 3804-08, 3816-20, 3825-29 (Zn 1-4). ACDZ (PPI pkr) w/ 639 gals 15% NEFE HCL. Swb Rec 21.75 BW / 8 runs (trace oil on last run); SFL 800', FER 0.25 BPH. ACDZ w/ 500 gals. Swb 19.25 BW / 12 runs (trace oil on last run); SFL 3208', FER 0.25 BPH. Run 2-3/8" prod. tbg and RIH w/ pump.
 02-28-92 Pump -0- BO + Gas TSTM + 14 BW (Shut off wtr.)
 03-01-92 Pump Trace BO + Gas TSTM + 14 BWPD
 07-30-01 TOH w/Tbg, TIH & set CIBP @ 3640', circ w/Pkr FI, Did not test. Well will be P&A'd.

Additional Data:

T/Rustler @ 1124'
 T/Salt @ 1215'
 B/Salt @ 2510'
 7Rvrs @ 2912'
 T/Queen @ 3353'
 T/Penrose @ 3456'
 T/AGU @ 3646'
 T/Grayburg Zone 1 @ 3658'
 T/Grayburg Zone 2 @ 3693'
 T/Grayburg Zone 3 @ 3752'
 T/Grayburg Zone 4 @ 3788'
 T/Grayburg Zone 5 @ 3836
 T/San Andres @ 3873'