

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

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 ☐	WELL API NO. 30-025-04924
2. Name of Operator Chevron U.S.A. Inc.	5. Indicate Type of Lease STATE ☒ FEE ☐
3. Address of Operator P.O. Box 1150 Midland, TX 79702	6. State Oil & Gas Lease No.
4. Well Location Unit Letter F : 1980 feet from the NORTH line and 1980 feet from the WEST line Section 35 Township 21S Range 36E NMPM County LEA	7. Lease Name or Unit Agreement Name: ARROWHEAD GRAYBURG UNIT
8. Well No. 123	
9. Pool name or Wildcat ARROWHEAD; GRAYBURG-SAN ANDRES	
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 # 123
API # 30-025-04924
Section 35, T21S, R36E, UL. F

WBS # UWPWB-A10___-ABN
1980' FNL & 1980' FWL
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 # 123.
2. MIRU PU. Conduct Safety Meeting. Contact OCD. ND WH. NU BOP.
3. RIH w/WS. RU Sierra.
4. Cap existing CIBP set @ 3701', w/35' CI 'C' cement plug from 3701' to 3737', @ T/AGU. Tag cement.
5. Spot 100' CI 'C' balanced cement plug from 3642' to 3542', 50' above and below T/Queen formation. Tag cement.
6. Spot 100' CI 'C' balanced cement plug from 2840' to 2740', 50' above & below B/Salt. Tag cement.
7. Spot 100' CI 'C' balanced cement plug from 1610' to 1510', 50' above & below T/Salt. Tag Cement.
8. Perf & Sqz, w/100' CI 'C' balanced cement plug from 313' to 213', 50' above & below 8-5/8" Csg Shoe. Tag cement.
9. Spot 10 sx CI 'C' balanced cement plug from 70' to surface.
10. ND BOP. RD PU. ND wellhead. Cut off casing 4' below GL & cap.

11. Install 4" P&A marker 4' above GL w/the following stamped on it:

Chevron U.S.A. Inc.
Arrowhead Grayburg Unit # 123
1980' FNL & 1980' FWL
T21S, R-36E, Sec. 35, UL F
Lea County, NM

12. Remove all equip, deadman, and junk from location.

13. 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	8-5/8" @ 263'
Prod Csg	5-1/2" @ 3875'
Formation Tops	Depth
T/Rustler	1437'
T/Salt	1560'
B/Salt	2740'
T/Yates	2915'
T/7Rvns	3142'
T/Queen	3593'
T/Penrose	3705'
T/Grayburg Z-1	3891'

PROPOSED P&A WELL DATA SHEET

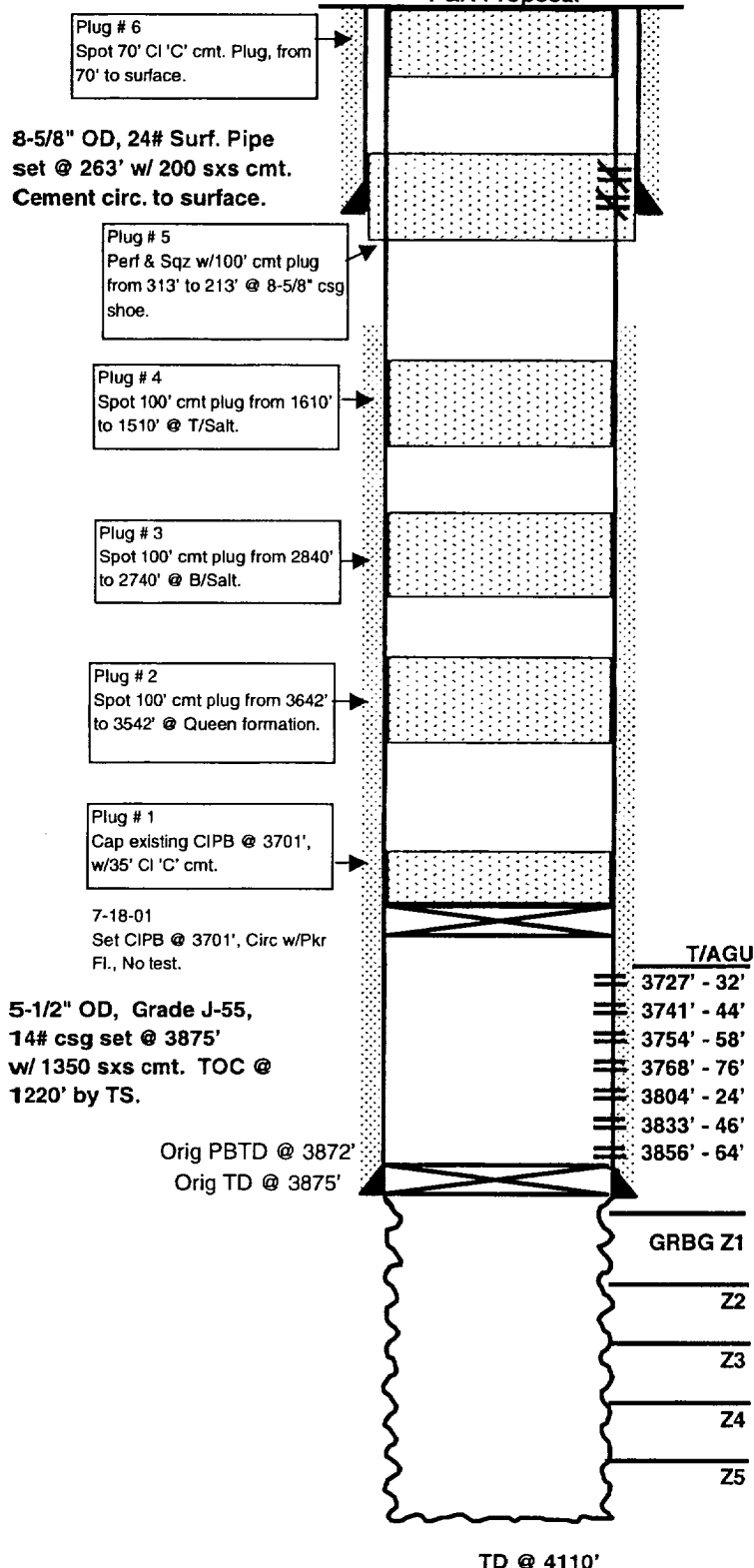
FIELD: Arrowhead
LOC: 1980' FNL & 1980' FWL
TOWNSHIP: 21-S
RANGE: 36-E
UNIT LETTER: F

WELL NAME: AGU No. 123
SEC: 35
COUNTY: Lea
STATE: NM
GL: 3566'
KB: 3575'
DF to GL: 8'

FORMATION: Grayburg
CURRENT STATUS: Producer
API NO: 30-025-04924
CHEVNO: FA-6063

(Formerly WA Ramsay NCT-A #16)

P&A Proposal



Date Completed: 04-23-56

Initial Production: 336 BOPD/108 MCFGPD/4 BWPD

Initial Formation: Penrose From: 3804' To: 3864'

Completion Data:

04-23-56 Drill to 3875'. DST 3615'-3715'. GTS 12" ARO 75.8 MCF, Xlty sulf wtr TS 50". Rec 350' GCDM w/ sulf odor, no oil or wtr.. BHP 1365#, FP 165-245#. Core 3715'-827' w/ 4 core bbls. DST 3710'-3827'. GTS 40" @ TSTM, no fluid. Rec 275' DM + 180' O&GCM, 15% OC. FP 250-300#, BHP 550#. Core 3827'-3875'. DST 3822'-3875'. TO w/ wk blo throughout, no gas or fluid to surf. Rec 150' DM, 5% OC, no wtr. FP 90#, BHP 150#. Run logs & 5-1/2" csg. Perf 3804-24', 3833-46' & 3856-64'. Run 2-3/8" prod. tbg to 3863'. Perf 3850-54'. Wash perfs 3804-64' w/ 500 gals mud acid. FRAC w/ 10,000 gals Petrogel + 10,000 #'s sand. Swb Rec 487 BLO + 9 BW. F 336 BOPD.

Workover History:

05-28-69 Install pumping equipment.

10-20-80 Dump acid w/ 1000 gals 15% NEFE. Before trmt pump 2 BO + 4BW. After Trmt Pump 6 BO + 23 BW.

04-22-93 Drill deeper to 4110'. Run Computalog Spectral LithoDensity. ACDZ OH w/ 2600 gals 15% NEFE HCL. Swb Rec 41 BW/8 runs; SFL @ 2200', FER 22 BPH (lwr PNRS through Grbg Zns 1-5). Set pkr @ 4060 (lwr Zn 4 & 5). Swb OH Rec 31 BW (tr. oil)/8 runs; SFL @ surf., FER 2 BPH.. Set pkr @ 3986'. Swb 3986-4110' (Zn's 3-5) Rec 2 BO + 46 BW/16 runs; SFL @ 1500', FER 12 BPH. Set pkr @ 3917'. Swb 3917-4110' (Zn's 1-5) Rec 4 BO + 48 BW/16 runs; SFL @ 2200', FER 13 BPH. Set pkr @ 3872' & Swb (Lwr PNRS thru Grbg Zn 5) Rec 4 BO + 57 BW/16 runs (4 hrs.); SFL @ 2800', FER 15 BPH. Selectively perf 3727-32', 3741-44', 3754-58' & 3768-76' (U/ PNRS). Selectively ACDZ (PPI pkr) w/ 840 gals 15% NEFE HCL (210 gals per set). Swb 3727' - 3776 Rec 6 BW/6 runs in 3 hrs.; SFL @ 2700', NO FER. FRAC w/ 10,000 gals + 30,000# sand @ 12.1 BPM per set. CO sand to 4108'. RIH w/ prod. tbg. & TO to prod.

05-17-93 Test pump 9 BO + 70 MCFG + 161 BW / 24 hrs. Fluid level coming up.

07/15/98 RIH w/ CIBP and set at 3867'. Trying to recover gas production. None recovered.

7/18/01 RIH w/5-1/2" CIBP, set @ 3701'. Circ w/Pkr FI. Tst csg 600#, No Tst. POH L/D TBG. Unsuccessful TA. SI for evaluation.

Additional Data:

T/Rustler @ 1437'
T/Salt @ 1560'
B/Salt @ 2740'
T/Yates @ 2915'
T/Rvrs @ 3142'
T/Queen @ 3592'
T/Penrose @ 3720'
T/AGU @ 3725'
T/Grayburg Zone 1 @ 3891'
T/Grayburg Zone 2 @ 3927'
T/Grayburg Zone 3 @ 3993'
T/Grayburg Zone 4 @ 4033'
T/Grayburg Zone 5 @ 4090'
T/San Andres @ 4135'