

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

1625 N. French Dr  
Hobbs, NM 88240

Lease Serial No.  
NM-62665

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

ARROWHEAD GRAVEBURG UNIT

8. Well Name and No.

180

9. API Well No.

30-025-31302

10. Field and Pool, or Exploratory Area

ARROWHEAD; GRAYBURG

11. County or Parish, State

LEA, NM

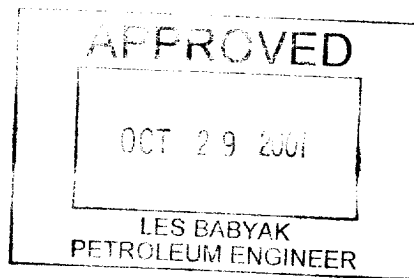
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other _____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

CHEVRON PROPOSES TO P&A PER ATTACHED PROCEDURE

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) J. K. RIPLEY	Title REGULATORY O.A.
<i>J. K. Ripley</i>	Date 10/16/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Arrowhead Grayburg Unit # 180**  
**API # 30-025-31302**  
**Section 1, T22S, R36E, UL. B**

**WBS # UWPWB-A10\_\_\_-ABN**  
**760' FSL & 760' 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 # 180.
2. MIRU PU. Conduct Safety Meeting. Contact OCD. ND WH. NU BOP.
3. RIH w/WS. RU Sierra.
4. Tag for Top of Cement, or Top of CIBP. Report results to Midland Engineer, Gwen Wilkinson. *255x on top*
5. Spot 100' Cl 'C' balanced cement plug from 3410' to 3310', 50' above & below, T/Queen formation. Tag cement.
6. Spot 100' Cl 'C' balanced cement plug from 2540' to 2440', 50' above & below, Base of Salt. Tag cement.
7. Spot 100' Cl 'C' balanced cement plug from 1260' to 1160', 50' above & below, Top of Salt. Tag cement.
8. Perf & Sqz, w/100' Cl 'C' balanced cement plug from 1170' to 1070', 50' above & below 8-5/8" casing shoe. Tag cement.
9. Spot 10 sx Cl '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:  
 ChevronTexaco Corporation  
 Arrowhead Grayburg Unit # 180  
 760' FSL & 760' FEL  
 T22S, R-36E, Sec. 1, UL P  
 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

Casing	Depth
Surf Csg	8-5/8" @ 1120'
Prod Csg	5-1/2" @ 3900'
Formation Tops	Depth
T/Rustler	1070'
T/Salt	1210'
B/Salt	2490'
T/7Rvrs	2895'
T/Queen	3360'
T/Penrose	3482'
T/AGU	3630'
T/Grayburg Z-1	3679'

Gwen Wilkinson  
 Petroleum Engineer  
 CTN 915-687-7507

RECEIVED  
 9/20/05  
 9:00

# WELL DATA SHEET

**FIELD:** Arrowhead

**WELL NAME:** AGU No. 180

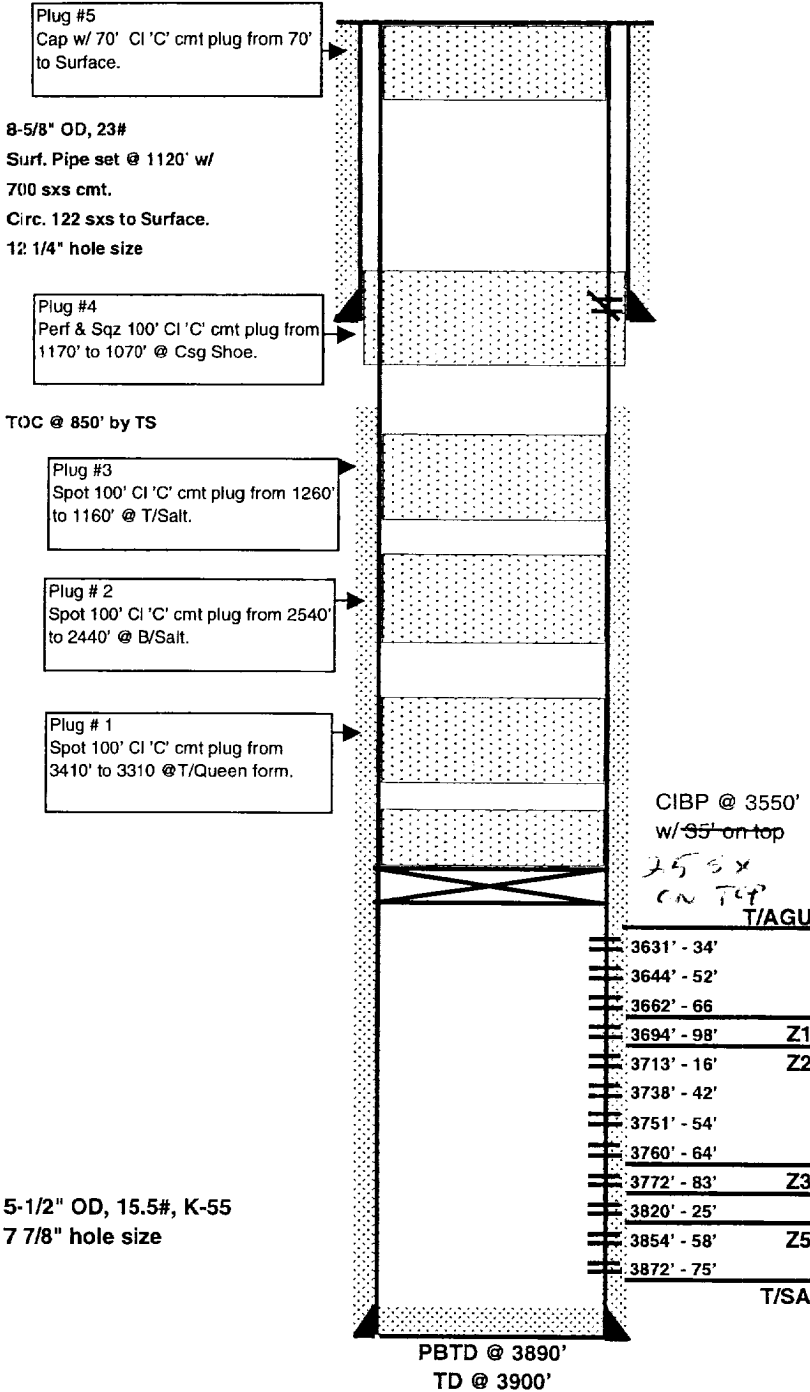
**FORMATION:** Grayburg

**LOC:** 760' FSL & 760' FEL  
**TOWNSHIP:** 22-S  
**RANGE:** 36-E

**SEC:** 1  
**COUNTY:** Lea  
**STATE:** NM

**GL:** 3468.6'  
**KB to GL:** 11'  
**DF to GL:** 10'

**CURRENT STATUS:** Proc TA'd  
**API NO:** 30-025-31302  
**CHEVNO:** KX-4081



**Date Completed:** 03/02/92  
**Initial Production:** 1 BOPD / 20 MCFGPD / 6 BWPD  
**Initial Formation:** Grayburg **From:** 3634' **To:** 3872'  
**Completion Data:**  
 09-04-91 Drill to 3665'. Core 3665' - 3900' w/ 4 core bbls. Log SCHL CNL-LDT-GR, DLL-MSFL, EPT, BHC-SONIC & RFT. Set 5-1/2" csg. DO cmt to 3890' & circ hole clean. Run SCHL depth cfl log. **Selectively perf 3631-3875'** (AGU - Zn 5). **Selectively ACDZ** (PPI pkr) w/ 2200 gals 15% NEFE HCL (150 gals per set). **Swb Rec 54 BF** (10% OC) / 21 runs; FER 10 BPH. **Swb 3820'-75'** (Zn's 4 & 5) Rec 39 BF (5% OC) / 15 runs in 7 hrs.; SFL @ 2000', FER 2 BPH. **Swb 3694'-3783'** (Zn's 1-3) Rec 25 BF (2% OC) / 15 runs in 7 hrs.; IFL @ 3400', FER 1 BPH. **Swb 3631-66'** (AGU) Rec 0.5 BW / 5 runs in 2 hrs.; IFL @ 3600', FER -0- BPH. Killed well w/ 50 Bbls. RIH w/ prod. tbg & TO to production.

**Workover History:**  
**4/9/98** - POH w/Prod Equip. Set CIBP @3550', dumped 35' cmt on top, Circ hole w/Pkr Fl. Ts'd - OK. Well TA'd.

**Additional Data:**  
 T/Rustler @ 1070'  
 T/Salt @ 1210'  
 B/Salt @ 2490'  
 T/7Rvrs @ 2895'  
 T/Queen @ 3360'  
 T/Penrose @ 3482'  
 T/AGU @ 3618'  
 T/Grayburg Zone 1 @ 3679'  
 T/Grayburg Zone 2 @ 3712'  
 T/Grayburg Zone 3 @ 3771'  
 T/Grayburg Zone 4 @ 3803'  
 T/Grayburg Zone 5 @ 3845'  
 T/San Andres @ 3878'

RECEIVED  
 PROCS  
 10/15/01