

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-34823
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease	
7. Lease Name or Unit Agreement Name	ARROWHEAD GRAYBURG UNIT
8. Well No.	352
9. Pool Name or Wildcat	ARROWHEAD GRAYBURG

WELL COMPLETION OR RECOMPLETION REPORT AND LOG											
1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>						7. Lease Name or Unit Agreement Name ARROWHEAD GRAYBURG UNIT					
b. Type of Completion: NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RES. <input type="checkbox"/> OTHER HORIZONTAL <input type="checkbox"/>											
2. Name of Operator CHEVRON USA INC						8. Well No. 352					
3. Address of Operator 15 SMITH ROAD, MIDLAND, TX 79705						9. Pool Name or Wildcat ARROWHEAD GRAYBURG					
4. Well Location <u>BHL: G, 2500' INL, 2285' FEL</u> Unit Letter <u>H</u> : <u>2500'</u> Feet From The <u>NORTH</u> Line and <u>100'</u> Feet From The <u>EAST</u> Line Section <u>2</u> Township <u>22-S</u> Range <u>36-E</u> NMPM <u>LEA</u> COUNTY											
10. Date Spudded 7/24/2003		11. Date T.D. Reached 8/4/2003		12. Date Compl. (Ready to Prod.) 8/13/2003		13. Elevations (DF & RKB, RT, GR, etc.) 3530' KB			14. Elev. Csghead		
15. Total Depth 6080'		16. Plug Back T.D. 3793'		17. If Mult. Compl. How Many Zones?		18. Intervals Drilled By		Rotary Tools		Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 4000-6080' GRAYBURG (OPEN HOLE)										20. Was Directional Survey Made YES	
21. Type Electric and Other Logs Run N/A										22. Was Well Cored NO	
23. CASING RECORD (Report all Strings set in well)											
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENT RECORD		AMOUNT PULLED	
		NO CHANGE				NO CHANGE					
24. LINER RECORD											
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		25. TUBING RECORD	
										SIZE	
										DEPTH SET	
										PACKER SET	
26. Perforation record (interval, size, and number) 4000-6080' O.H.						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
						4000-6080'		ACIDIZE W/36,620 GALS 15% HCL &			
								4160 GALS WF110			
28. PRODUCTION											
Date First Production 9/10/2003		Production Method (Flowing, gas lift, pumping - size and type pump) PUMPING (REDA)						Well Status (Prod. or Shut-in) PROD			
Date of Test 9-10-03		Hours tested 24 HRS		Choke Size		Prod'n For Test Period		Oil - Bbl. 23		Gas - MCF 150	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF		Water - Bbl. 2440	
										Gas - Oil Ratio	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD										Test Witnessed By	
30. List Attachments SURVEY											
31. I hereby certify that the information on both sides of this form is true and complete to the best of my knowledge and belief.											
SIGNATURE <u>Denise Leake</u>						TITLE <u>Regulatory Specialist</u>		DATE <u>9/18/2003</u>			
TYPE OR PRINT NAME <u>Denise Leake</u>								Telephone No. <u>915-687-7375</u>			

K2

WELL DATA SHEET

FIELD: Arrowhead

LOC: 2500' FNL & 100' FEL

TOWNSHIP: 22-S

RANGE: 36-E

WELL NAME: AGU No. 352H

SEC: 2

COUNTY: Lea

STATE: NM

GL: 3524'

KB: 3530'

DF: 3529'

FORMATION: Grayburg

CURRENT STATUS: Oil Producer

API NO: 30-025-34823

CHEVNO: BY1063

SPUD: 1/27/2000

Rig Rlsd: 2/07/00

SURFACE CSG: 9-5/8", 36#, K-55
STC CSG set @ 507'. Cmt'd
w/200sx 35%/65% POZ, Tail w/150
sx CI 'C'. Circ'd 103 sx to surf.

12-1/4" hole

8-3/4" hole

Additional Data:

T/7Rivers @ 2932'

T/Queen @ 3379'

T/Penrose @ 3497'

T/Grayburg Zone 1 @ 3680'

T/Grayburg Zone 2 @ 3715'

T/Grayburg Zone 3 @ 3787'

T/Grayburg Zone 4 @ 3820'

T/Grayburg Zone 5 @ 3873'

Perfs (3/JHPF, 120 deg PH)

3724'-3760'; sqz'd w/150 sxs

3724'-30'

3738'-3752'

3758'-60'

3780'-87'

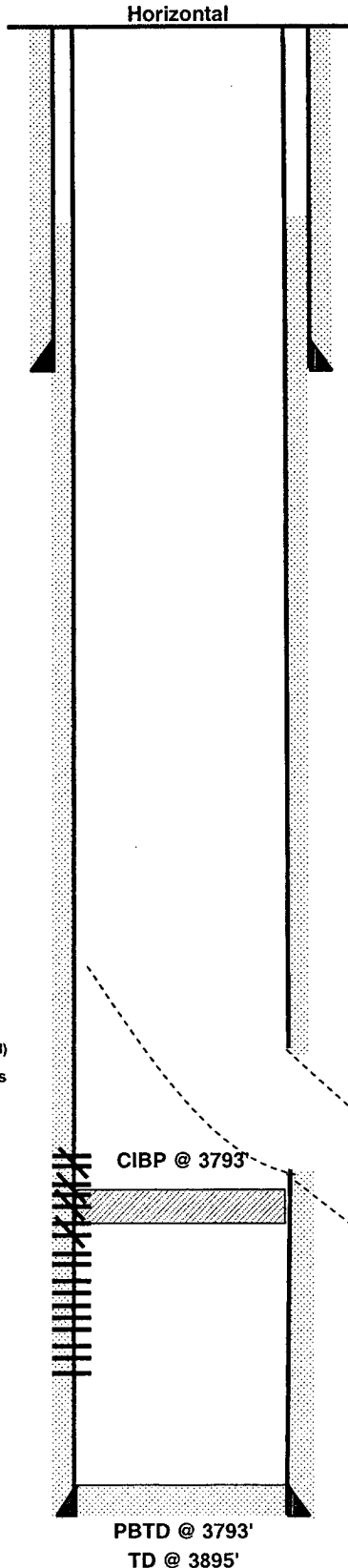
3795'-98'

3812'-18'

3829'-32'

3842'-46'

Prod. Csg: 7" 20#, K-55,
ST&C Csg, Set @ 3895', FC
@ 3848', Cmt w/ 600 sxs, Tail
w/ 125 sxs, circ 200 sxs cmt
to surf, Cap/50 sx CI 'C'.



Date Completed: 2/22/00

Initial Production: 50 BOPD / 719 BWPD / 43 MCFPD

Initial Formation: Grayburg From: 3780' To: 3846'

Completion Data: 2-16-00 thru 5-18-00

Tag FC @ 3848'. Pickle tbg w/500 gals 15% HCL, Spot 500 gals 15% acid on bottom. Perf'd 3724'-30', 3738'-52', 3758'-60', 3780'-87', 3795'-98', 3812'-18', 3829'-32', 3842'-46', w/3 JHPF, 120 deg ph. Acdz w/2500 gals 15% NEFE HCL & 200 RCNB's. Pmp'd 1000 gals 50Q 1% KCL, acdz w/4000 15% NEFE HCL + foam'd to 50Q w/CO2, (Total 38 bbls foam). Swab. Sqz'd 3724'-3760' w/150 sx cmt @ 1250#. DO to 3761'. CO sd to 3870'. Swab. RIH w/tbg, pmp & rods, w/eot @ 3845'. TOH w/ Sub pmp assm. & tbg. Tag TD @ 3869'. Pickle tbg w/500 gals 15% HCL, acdz w/1700 gals 15% NEFE HCL. TIH w/TD1200 ESP, 119 jts 2-7/8" tbg. Top of Pmp @ 3719', Intake @ 3737', Bot of Pmp @ 3775'.

Horizontal Development:

7-28-03 Tag CIBP @ 3796', Correct to 3793'. Set WS to 269 degs. Mill stuck, Pull uphole & WS came loose @ 3710' MD, TOH, fish WS free. Set new WS @ 257 TF. Cut window at 3777'. Mill window from 3777' to TVD of 3788'. Slide drl from 3788' to 6080' MD. TIH w/7" 20# Baker Model G RBP, set @ 3017', tst 500#, ok. Rls rig 8-5-03.

8-7-03 STM HORZ SECT. W/CT. RIH Tag RBP @ 2509'. Redress PKR, set @ 3707' w/EOT @ 3903'. Tst to 500 PSI - ok. RIH w/CT, pmp 90 bbls acid from 6089' to 5770'. Acid LK in pmp truck plunger. POH w/Coiled Tubing. Acid Wash lateral w/ 30,000gals 15% HCL, 7000gals VDA, 5,000gals. WF110, using jet blaster & nitrogen. Put well on sub pump.

MD @ 6080'

TVD @ 3888'

VS @ 2184.69'

FILE: AGU-352-H-WBD.XLS