DICTRICT	T

State of New Mexico Submit 3 Copies to Approriate District Energy, Minerals and Natural Resouces Office FORM C-103 Revised March 25, 1999 1625 N. French Dr., Hobbs, NM 88240 OIL CONSERVATION DIVISION WELL API NO. DISTRICT II 1220 South St. Francis Drive 30-025-06608 811 South First, Artesia, NM 88210 Santa Fe, NM 87505 5. Indicate Type of Lease DISTRICT III **☑** FEE ☐ STATE 1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICTIV State Oil & Gas Lease No. 1220 South St. Francis Dr., Santa Fe, NM 87505 SUNDRY NOTICES AND REPORTS ON WELLS 7. Lease Name or Unit Agreement Name (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 Argo PROPOSALS.) Type of Well: GAS WELL OTHER OIL WELL 8. Well No. 2. Name of Operator 12 Apache Corporation

3. Address of Operator 9. Pool name or Wildcat Penrose Skelly; Grayburg 2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400 M 400 South 550 West Feet From The Line and Feet From The Unit Letter 15 **21S** 37E NMPM Lea Township Range County 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3431' GR Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data 11. SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: Remedial Work Plug and Abandon Altering Casing Perform Remedial Work Plug and Abandonment Change Plans ☐ Commence Drilling Operations Temporarily Abandon Pull or Alter Casing Casing Test and Cement Job □ Other

☐ Other	Plugback to Grayburg
 Describe proposed or completed operations. (Clearly state all pertiner of starting any proposed work). SEE RULE 1103. For Multiple Com- or recompletion. 	nt details, and give pertinent dates, including estimated date upletions: Attach wellbore diagram of proposed completion
8/16/2001 MIRU and run in hole w/ 4-3/4" bit & scraper	r. Pull out of hole. Test casing @ 1000# for 5 mins - OK
8/17/2001 Run in hole w/ CIBP and set @ 4500', cap w/ of cement @ 3480'	'35' cement. Run Cement Bond Log from 3000' - 4200'. Top
8/20/2001 Perforate Grayburg 3828-3844, 3855-3859, 38	863-3869, 3874-3890, 3896-3918, 3927-3931, 3938-3978
8/21/2001 Acidize Grayburg 3828 - 3978 w/ 6000 gals 1	15% HCL
8/23/2001 Frac Grayburg 3828 - 3978 w/ 19250 gals gel	l & 40090# 16/30 sand
8/24/2001 Run in hole w/ workstring. Tag sand @ 3907	7'. Clean out to 4100'. Pull out of hole.
8/27/2001 Run in hole w/ 2-7/8" tubing and set @ 4025	'. Run in hole w/ pump and rods. Return well to production
	ŗ
I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
SIGNATURE 12670 CALOCALOR	TITLE Sr. Engineering Technician DATE 9/17/2001
TYPE OR PRINT NAME Debra J. Anderson	Unit 12 Color by Telephone No. 713-296-6338
(This space for State Like)	PAGER, KAUIZ

TITLE

(This space for State Use)

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

DATE

PETROLLUM ENGINEER







Job separation sheet

State of New Mexico Energy, Minerals and Natural Resources

State Lease-6 copies

Fee Lease-5 copies

<u>DISTRICT I</u> 1625 N. French Dr., Hobbs, NM	n 88240								Form C-10 Revised March 25, 199
DISTRICT II	1 60240						WELL API NO.		
811 South First, Artesia, NM 88	8210		OIL CONSER	VATION D	IVISIO	V	30-02:	5-06608	
DISTRICT III 1220 South St. Francis Drive					5. Indicate Type of				
1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505					ГАТЕ	☑ FEE			
DISTRICTIV							6. State Oil & Gas	Lease No.	
220 South St. Francis Dr., San									·····
WELL	COMPLET	'ION OR R	ECOMPLETION	REPORT A	ND LO	G			
a. Type of Well:							7. Lease Name or U	Unit Agreement I	Name
OIL WELL b. Type of Completion:	GAS	; WELL	DRY 01	ΓHER					Argo
New Well	Workover	☐ Deep	oen 🗹 Plug Back	Diff.	Resvr.	Other		1	
2. Name of Operator Apache Corporation	On .						8. Well No.	12	
3. Address of Operator						9. Pool name or W			
2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400 / 713-296-6000					Penrose Skelly, Grayburg				
4. Well Location Unit Letter	<u>M:</u>	400_	Feet From The	South	Line and	550	Feet From The	Wes	St Line
Section	15 т	l'ownship			37E	NMPN		County	
10. Date Spudded	11. Date T.D. Read	hed	12. Date Compl. (Ready to Pro-		13. Elevati	ons (DF& RKB, RT, o		Elev. Casinghe	ad
	· · · · · · · · · · · · · · · · · · ·		8/27/01		1	3431'	GR Rotary Tools		Cable Tools
15. Total Depth	16. Plug Back	k Т.D. 4100	17. If Multiple Compl. If Many Zones?	iow		18. Intervals Drilled By	Rotary 100is		Caule 100is
8035 19. Producing Interval(s), of the			Willing Zontos:	<u> </u>	·	опшко му	20). Was Direction	al Survey Made
Grayburg 3828 -	3978						22. Was Well Cor	ed	
21. Type Electric and Other Lo							ZZ. Was Wen Co.	cu	
Cement Bond Log	5								
23.			CASING REC	ORD (Rep	ort all	strings <u>set ir</u>	ı we <u>ll)</u>		
CASING SIZE	WEIGHT	LB./FT.	DEPTH SET	HOLE S		CEME	ENTING RECO		AMOUNT PULLED
13-3/8	48		227	17-1/2			culated to Si		
8-5/8	28# /		2882	11		1900 sx / C	irculated to S	Surface	
0 0.0									
							<u></u>		ļ
				<u>L</u>					
24.	TOP	LINER RE	CORD SACKS CEMENT	SCREEN	25.	SIZE	T DEPTH	UBING RE	CORD PACKER SET
SIZE 5.1/2			900	00	+	2-7/8	402		
5-1/2	2662	8033	900		+	2-110	 	<i></i>	
		11		<u> </u>	127 AC	ID CHOT FRA	ACTURE, CEM	ENT SOUE	F7F FTC
26. Perforation record	(interval, size,	and number)				TH INTERVAL	1	AMOUNT AN	ID KIND MATERIAL USED
Grayburg 3828-44, 55	5-59. 63-69, 7	4-90. 96-3918	3. 27-31, 38-78		3	828 - 3978	Acidize w/ 6000 gals 15% HCL		
4" - 439 Holes		* *	,- ,				Frac w/ 19250 gals gel & 40090# 16/30 sand		
	M 80 92.96.	3826, 29, 397	72, 78, 85 (Abandoned	D	3	770 - 3985	Cement squeezed w/ 250 sx		
3770, 10, 17, 21, 21,	7,00,22,24,	J020, 22,	2, 15, 55	,					
					<u> </u>	220 2170	CIBP @ 698	Ot/ 351 om	
Wantz Abo 6990, 700	0-96, 7102-78	(Abandone	·d)		0	990 - 7178	CIBP @ 050	U W/ 33 CE1	nent
							- 454	. 0.471	
Hare 7661-97, 7722-66, 7803-18, 28-36, 7950-73 (Abandoned)			7661 - 7973		Cement Retainer @ 7611' w/1 sx cement Cement squeeze w/ 50 sx				
28.				PRODUCT					
Date First Production			Production Method					Well Sta	ttus (Prod. or Shut-in)
8/27/01				ping - 1.5"			With Phi		Producing Gas - Oil Ratio
Date of Test	Hours Teste	ď			Oil - ВЫ. 30	Gas - MCF 70	Water - Bbl.		2333
9/8/01	24	ure Calculated		Period Gas - M		Water - B			Dil Gravity - API - (Corr.)
Flow Tubing Press.	Casing Pressi	Hour Rate				1			34.4 'est Witnessed By
29. Disposition of Gas (Sold,	, used for fuel, vent	ed, etc.)					Apache C		
Sold				······································			Apaciic	Огрогано	1
30. List Attachments C-103 Sunday No	otice / C-10	и / Cement	t Rond Log						•
21 I herely certify that the	information show	n on both side of	this form is true and complete:	to the best of my kn	owledge and	belief			
Signature	man	e le de	Lorual	Drinted		Anderson	Title Sr. H	Engineerin	ng Technician Date 09/17/

INSTRUCTIONS

This form is to filed with the appropriate District Office of the Division Office not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICA	TE FORM	ATION TOP	S IN CONFORMAN	ICE WITH G	EOGRAPHIC	CAL SECTION O	FSTATE	
		Southeasterr	1 New Mexico			Northwestern	New Mexico	
T. Anhy			T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt			T. Strawn		T. Kirtland-Frui	tland	T. Penn. "C"	
B. Salt			T. Atoka		T. Pictured Cliff	s	T. Penn. "D"	
T. Yates			T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers			T. Devonian		T. Menefee		T. Madison	
T. Queen			T. Silurian	***	T. Point Lookou	t	T. Elbert	
T. Grayburg			T. Montoya		T. Mancos		T. McCracken	
T. San And	res	***************************************	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta		···	T. McKee		Base Greenhorn		T. Granite	
T. Paddock			T. Ellenburger		T. Dakota		Т.	
T. Blinebry			T. Gr. Wash		T. Morrison		T	
T. Tubb			T. Delaware Sand		T. Todilto		Т.	
T. Drinkard			T. Bone Springs		T. Entrada		Т	
T. Abo		· · · · · · · · · · · · · · · · · · ·	T. Rustler		T. Wingate		Т	
T. Wolfcam	ър 		T		T. Chinle		T	
T. Penn			T		T. Permain		Т	
T. Cisco (Bo	ough C)		T		T. Penn "A"		Т.	
				R GAS SANI	DS OR ZON	ES		
No. 1, from		*************	to	No. 3, from	******************************	***************************************	to	
No. 2, from		************************	to	No. 4, from			to	
			IMPO	RTANT WA	TER SAND	S		
37			evation to which water rose	in hole.				
No. 1, from	****************	•••••••	to		**************************	feet		
					·····		************************	
No. 2, from			to			feet		
No. 2, from			to		••••••	feet		
No. 2, from			to		••••••	feet		
No. 2, from			LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	to		•••••••••••••••••••••••••••••••••••••••	feet		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		
No. 2, from No. 3, from		Thickness in	LITHOLOGY RECO	PRD (Attach	additional she	feetet if necessary)		