Submit to Appropriate Disti State Léase-6 copies Fee Lease-5 copies	rict Office		State o Energy, Minerals	of New Mex and Natur		ources				
DISTRICT   1625 N. French Dr., Hobbs	. NM 88240					•	a.		Form ( Revised March 2	
DISTRICT II 811 South First, Artesia, N			OIL CONSEI		אופוע		WELL API NO	)25-34582	<u> </u>	<u>, 1000</u>
DISTRICT III			2040 S	South Pache	eco		5. Indicate Ty	oe of Lease		
1000 Rio Brazos Rd., Azter DISTRICT IV	c, NM 87410		Santa I	Fe, NM 87	505			STATE Gas Lease No.		
2040 South Pacheco, Sant			RECOMPLETION			00	242	82		
1a. Type of Well:	COMPLET		RECOMPLETION	N NEFUNI	AND L	.00	7. Lease Narr	e or Unit Agreer	ment Name	
OIL WELL b. Type of Completion:	GAS	WELL		THER		_	Rinewalt			
	✓ Workover	Dee	pen 🔲 Plug Back	Diff.	Resvr.	Other	8. Well No.			
Apache Corporation								5		
3. Address of Operator			tan Tayaa 7705				9. Pool name	or Wildcat		
4. Well Location	Siva., Ste.		ston, Texas 7705	0-4400			Penrose	; Skelly (G	arayburg)	
Unit Letter Section	<u>Lot 3</u> : 4 T	510 wrnship	Feet From The 22S	North Bange	Line and	1980 NMPM	Feet From The	County	St_Line	
10. Date Spudded	11. Date T.D. Re	sched	12. Date Compl. (Ready to 11/19/9	Prod.)		ions (DF& RKB, RT, G 3453'		14. Elev. Casin	ghead	
15. Total Depth 3950	16. Plug Bao	жт.д. 3930	17. If Multiple Compl. Many Zones?		1	18. Intervals	Rotary Tools		Cable Tools	
19. Producing Interval(s),	of this completion					Drilled By		20. Was Directi	ional Survey Made	{
Grayburg 3678 21. Type Electric and Othe							22. Was Well	Cored		
23.					·					
			CASING RECO							
CASING SIZE 8-5/8	WEIGHT		DEPTH SET 1037	<u>HOLES</u> 12-1/4		CEMEN 490 sx / Circu	TING RECO			:D
5-1/2	17		3950	7-7/8		950_sx / Circu				
24		LINER RE	CORD		25.			JBING REC		
24. SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEP	TH SET	PACKER SET	
						2-7/8	3	865 <u>·</u>		
26. Perforation reco	rd (interval, siz	e, and numb	per)		L	27. ACID, SHOT	FRACTUR		, SQUEEZE, ETC.	
								AMOUNT AND	KIND MATERIAL USED	
Grayburg 3678-80, 3840-54, 84-96, 390			'-60 - 4* - 284 Holes (New)	(Existing)		3840 - 3920	Acidize w/	2000 gals 15		{
		100 110.00	(1011)					2000 gais ro		
28. Date First Production			Production Method (	PRODUCT		te and time nump)		Wall State	us (Prod. or Shut-In)	
RTP 11/19/99			Pum	ping - 1.5"	Rod In	sert			Producing	
Date of Test	Hours Tested		Choke Size Prod'r Test F	n For O Period	4 - Bbl.	Gas - MCF	Water - Bl	si.	Gas - Oil Ratio	
Flow Tubing Press.	Casing Pressu	e Calculated Hour Rate		Gas - MC	CF	Water - Bbl.		<u> </u>	Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test							Witnessed By			
30. List Attachments		1	<u> </u>				L			
		m on both side	s of this form is true and corr		f my knowl	edge and belief				{
Signature	19010	46 VL	acder	Name Del	bra J. A	nderson	Titie <u>Sr.</u>	Engr. Tec	h. Date <u>2/17</u>	7/00
		0								

### INSTRUCTIONS

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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.

### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	5	outheastern					Northwestern		
T. Anhy				anyon	· · · · · · · · · · · · · · · · · · ·	T. Ojo Alamo		T. Penn. "B"	
T. Salt				trawn	·····	T. Kirtland-Fru		T. Penn. "C"	
B. Salt			Т. А			T. Pictured Cli		T. Penn. "D"	_
T. Yates			Т. М			T. Cliff House		T. Leadville	
T. 7 Rivers				evonian		T. Menefee		T. Madison	
T. Queen				ilurian		T. Point Looko	ut	T. Elbert	
T. Grayburg				lontoya		T. Mancos		T. McCracken	
T. San Andr	es			impson		T. Gallup		T. Ignacio Otzte	
T. Glorieta				IcKee		_Base Greenho	m	T. Granite	
T. Paddock				llenburger		T. Dakota	<u> </u>	_T	
T. Blinebry				ir. Wash		T. Morrison		_T	
T. Tubb				)elaware Sar	nd	T. Todilto		T	
T. Drinkard				one Springs		T. Entrada		T	
T. Abo				lustler		T. Wingate		_T	_
T. Wolfcam	°		Т			T. Chinle		_T	
T. Penn			Т			T. Permain		Т	
T. Cisco (Bo	ough C)		т			T. Penn "A"		Т	
						DS OR ZON			
No. 1, from	*******	*****	to	******	No. 3, fron	۱			•••••
No. 2, from	*******************	*************************	to	IMPO	No. 4, fron	) 	40,000#################################	to	
				ІМРО	RTANT W	ATER SAND	S		
Include data	Un lais Ul V	valor innow and	olevauc		r rose in hole.				
No. 1, from	*******		******	to	9 8 9 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	******	feet		
NO. 2, Irom		***************************************	*********	to		**********			a 2 a 7 7 7 7
No. 2, from No. 3, from		***************************************		to			feet		
No. 3, from		LIŢ		to			faat		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		 
No. 2, from No. 3, from	 	LIŢ	HOL	to			feet		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)	Lithology	······
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)	Lithology	
No. 3, from		LIT Thickness in	HOL	OGY RECOF	RD (Attach	additional sh	feet leet if necessary)		

Submit 3 Copies to Approriate District Office	State of N Energy, Minerals a	ew Mexico nd Natural Resouce	es				
DISTRICT I							FORM C-103
1625 N. French Dr., Hobbs, NM 88240					F	Revised N	March 25, 1999
DISTRICT II	OIL CONSERVA	<b>TION DIVISION</b>	V V	VELL API NO.			
811 South First, Artesia, NM 88210	<b>2040</b> Sou	th Pacheco		30-025	-34582		
DISTRICT III	Santa Fe, 1	NM 87505	5	. Indicate Type of L	ease		
1000 Rio Brazos Rd., Aztec, NM 87410							
DISTRICT IV			6	. State Oil & Gas Le	ase No.		
2040 South Pacheco, Santa Fe, NM 87505				24282			
SUNDRY	NOTICES AND REPORTS ON	WELLS					
	ROPOSALS TO DRILL OR TO DEEPE APPLICATION FOR PERMIT" (FORM		DA 7	. Lease Name or Ur	it Agreement Na	une	
PROPOSALS.)					Rine	ewalt	
1. Type of Well:							
I OIL WELL	GAS WELL OTHER						
2. Name of Operator			8	. Well No.			
Apache Corporation 3. Address of Operator					5		
				. Pool name or Wild			250
2000 Post Oak Blvd., Ste. 10 4. Well Location	0. Houston. Texas 77056-4400		I	Penrose; Ske	lly (Gray	burg) (50	(350)
Unit Letter LOt 3 :	510 Feet From The NO	rthLine and	<u>1980</u> F	eet From The	West	Line	
Section 4	Township 22S Range	37E	NMPM	Lea	County		
	10. Elevation (Show whether I	DF, RKB, RT, GR, etc.)					
	3453' GR						
11.		ate Box to Indicate Natur		•			
NOTICE OF I	NTENTION TO:		SUBS	EQUENT RE	PORT OF:		
Perform Remedial Work	Plug and Abandon	Rem	edial Work		🗌 Alteri	ng Casing	
Temporarily Abandon	Change Plans	Com	mence Drillir	ng Operations	🗌 Plug a	and Aband	onment
Pull or Alter Casing		Casi	ng Test and (	Cement Job			
Other		☑ Othe	er	Add Perfora	tions & A	cidize	

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 recompletion.

11/18/99 Perforate Penrose; Skelly (Grayburg) pool @ 3840-54, 84-96, 3907-20

11/19/99 Acidize w / 2000 gals 15% HCL & RTP

I hereby certify that the info	iteration above is true	and complete to the best of my know	ledge and belief.			
SIGNATURE	12. Dra	h Charlyon	TITLE	Sr. Engineering Technician	DATE	2/17/00
	Debra J.	nderson			TELEPHONE NO	),
(This space for State Use)	11			1005		
APPROVED BY	Chris	Williams	TITLE	RICT 1 SUPERVISOR	DATE MA	2 U O 2000
CONDITIONS OF APPRO	VAL, IF ANY:		יצום י	1 cto		

s •				•				
Submit 3 Copies to Approriate District		-	tate of New					
Office		Energy, Mi	nerals and I	Natural Resc	ouces			
DISTRICT I								FORM C-103
1625 N. French Dr., Hobbs, NM 88240								Revised March 25, 1999
DISTRICT II				ON DIVISI	ON	WELL API NO.		
811 South First, Artesia, NM 88210		-	040 South P			30-025	5-34582	
DISTRICT III		Sa	inta Fe, NM	87505		5. Indicate Type of	Lease	
1000 Rio Brazos Rd., Aztec, NM 87410							STATE	
DISTRICT IV						6. State Oil & Gas I	lease No.	
2040 South Pacheco, Santa Fe, NM 8750	15					24282		
SUN	DRY NOTICES	AND REPO	RTS ON W	ELLS				
(DO NOT USE THIS FORM I	OR PROPOSALS TO	O DRILL OR 7	O DEEPEN O	R PLUG BACH	<b>Κ ΤΟ Α</b>	7. Lease Name or U	nit Agreement N	lame
DIFFERENT RESERVOIR. U	ISE "APPLICATION	FOR PERMIT	"" (FORM C-10	1) FOR SUCH				
PROPOSALS.)							Rin	ewalt
1. Type of Well:			_					
OIL WELL	🛄 GAS WE		OTHER					
2. Name of Operator			-			8. Well No.		
Anache Corporation 3. Address of Operator							5	
3. Address of Operator						9. Pool name or Wi		(50050)
2000 Post Oak Blvd., St 4. Well Location	e. 100. Houston.	<u>Texas 770</u>	56-4400			Penrose; Sk	elly Gray	ourg (50350)
Unit Letter LOt		Feet From The	North	Line and	1980	Feet From The	West	Line
Section 4	Township	22S	Range	37E	NMPM	Lea	County	
		10. Elevation (S	how whether DF, RI	KB, RT, GR, etc.)				
		3453'	GR					
11.		Check	Appropriate B	ox to Indicate N	lature of Notice,	Report, or Other	r Data	
NOTICE	OF INTENTION	TO:	1		SUB	SEQUENT RI	EPORT OF	•
Perform Remedial Wo	rk 🔲 Pi	lug and Aband	lon		Remedial Work		🗖 Alter	ing Casing
Temporarily Abandon		Commence Drilling Operations						
Pull or Alter Casing					Casing Test and	Cement Joh		
					-			
✓ Other Ac	ld Perforations				Other			
			L					

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 recompletion.

. .

Apache proposes to add perforations to the referenced well at 3840-54, 3884-96, 3907-20 and acidize

•••

I hereby certify that the information ab	ove is true and complete to the best of my knowledge and belie	ief.		
signature	Dal Macaronie _	Sr. Engineering Technician	DATE	11/30/99
TYPE OR PRINT NAME DE	pra J. Anderson		TELEPHONE NO.	713-296-6338
(This space for State Use)		DISTRICT 1 SUPERVISOR	000	10
APPROVED BY	· Williams ITTLE	JSTRICT TOULERWOOD	DATE ULC	13 <b>1999</b> '
CONDITIONS OF APPROVAL, IF A	NY:		·	

District (			State	of New Mex	lico					Form C-104	
P.O. Box 1980, Hobbs, N	M 88241-1980	Energy, M			iources Departme	nt		Revised February 10, 1994			
District II P.O.Drawer DD, Artesia, I	NM 88211-0719	OIL C	CONSER		N DIVISION			;		nsturctions on back priate District Office	
District III			P.C	). Box 208	8					5 Copies	
1000 Rio Brazos Rd., Azt	9c, NM 87410			outh Pach							
District IV P.O. Box 2088, Santa Fe	, NM 87504-2088		Santa P	e, NM 8	7505				AMEN	DED REPORT	
<u>I.</u>	REQL	JEST FOR ALL	OWABLE	AND AU	THORIZATION		TRANSPO	DRT			
<sup>1</sup> Operator name and Apache Cor						2	OGRID Numbe	er			
2000 Post C	•	uite 100				3	Reason for Fili	ing Code			
Houston, T>	<u>&lt; 77056-44</u>						NW	_			
API Number 30-025-345	<b>82</b> ·	<sup>°</sup> Pool Name Penrose Skelly	y;Grayburg	9				<sup>8</sup> Pool Code	50350		
<sup>7</sup> Property Code		<sup>e</sup> Property Name Rinewalt				*		<sup>9</sup> Well Number	r		
23110	" Surface Location							5			
UI or lot no.	Section	Township	Range	Lot. Idn	Feet from the	Nort	th/South line	Feet from the	East/West line	County	
Lot 3		510		N	1980	w	Lea				
UI or lot no.	II Bottom Hole Location           Utor lot no.         Section         Township         Range         Lo						th/South line	Feet from the	East/West line	County	
	366801	i ownanip	Kango	Lot. Idn	Feet from the	NUN		Feet nom uie	East vest life	County	
<sup>12</sup> Lse Code	13 Produci	nection Date	<sup>15</sup> C-129 Permit Numb	er 16	29 Effective Da	ate 17	C-129 Ex	piration Date			
III. Oil and Gas	Transporte	P Pers						l		· · · · · · · · · · · · · · · · · · ·	
18 Transporter		<sup>19</sup> Transporter Name and Address			20 POD	21 O/G	3	<sup>22</sup> POD ULSTR			
OGRID 034053	Plains Ma	and Address arketing & Trans	sportation		2263210	ō		and Desriptic	511		
	500 Dalla	s, Suite 700									
000000		TX 77002 Irdson Gasoline			2266830	G	<b> </b>				
020809		St., Suite 3000			2200030	9			Ň	:	
		, TX 76102									
		·									
		· · · · · · · · · · · · · · · · · · ·								· <u>······························</u> ·······	
IV Deadwood V	Votor										
IV Produced V				POD ULSTR	Location and Descriptio	n					
2263250					·						
V. Well Compl	etion Data	<sup>26</sup> Ready Date		' TD	28	PBTD		29	Perforation		
3/9/99		3/27/99		3950'		1010	3858	3678-3			
	le Size	31	Casing & Tubing	g Size	32	Depth S	Set	3:	<sup>3</sup> Sacks Cement		
12-1/4"		8-5/8"					1037'	490 SX	S; CIRC V	V/105 SXS	
7-7/8"		5-1/2"					3950'	950 SX	(S; CIRC V	V/100 SXS	
					_				· . <del></del>		
VI Well Test D	lata										
<sup>34</sup> Date New Oil		Delivery Date	<sup>36</sup> Te	st Date	<sup>37</sup> Test Length		38 Tbg. Press	sure <sup>3</sup>	Csg.	Pressure	
3/29/99 <sup>40</sup> Choke Size	41	3/29/99 oii		4/11/99 Water	43 Gas	-	4 AOF		5 Tes	t Method	
-		14		86	98		CONSER		(ISION		
* I hereby certify that with and that the Informa		il Conservation Division i s true and complete to th		lied		UIL	CONSER	VATION DI	VISION		
knowledge and bellef.		<b>r</b>			4	1	``				
Signature:	nda H	n Light	m_		Approved by:	مى	y le.	Wink		·	
Printed Name: Pamela M.	Leighton	Ū			Title:	AR	Jw. WI	NK			
Title:					Approvalutate D	REI-	RESEN	TATIVE I	ſ		
Regulatory	JUL	10	2 1999								
5/12/99 " If this is a change of	of operator fill in the	713-296-71 © OGRID number and na		us operator		-			<u></u>		
	Previous Operator			,	Printed Name			Title		Date	

	÷

19<sup>10</sup> -

ubmit to Appropriate		Ener	State of gy, Minerals and N	f New Mexico atural Resourc	es Dena	artment			Form C-105 Revised 1-1-89
ate Lease-6 copies		<b>C</b> 1161	Al' minerers qua la	aura 176200((	so Deba				Kevised 1-1-89
e Lease-5 copies		0			יסו/ופי	ON	WELL API	NO	
<u>ISTRICT  </u> 25 N. French Dr., Hobbs,	NM 88240	0		Box 2088	14101			NO. 025-34582	2
			Santa Fe, New		)4-2088		5. Indicate Ty		£
O. Drawer DD, Artesia, N	M 88210		ound 1 0, 100		-2000			STATE	FEE
ISTRICT III								Gas Lease No.	· · · · · · · ·
00 Rio Brazos Rd., Aztec							242	82 ////////////////////////////////////	
VVELL . Type of Well:	COMPLETIC		ECOMPLETION	REPORT	AND L	UG	7. Lease Nam	e or Unit Agree	ment Name
	GAS W	ELL		THER				-	
Type of Completion:								Ri	newalt
✓ New Well [	Workover	Deepe	en 🛛 🗌 Plug Back	c 🗌 Diff.	Resvr.	🔲 Other			
Name of Operator	<u></u>						8. Well No.		
pache Corpora	tion							5	
Address of Operator	bud Sta 10		Taxaa 7705	6 4400			9. Pool name		
000 Post Oak E Well Location			M, TEXAS //UD	0-4400			Ireniose	, Skelly (C	Grayburg)
Unit Letter	Lot 3 :	510	Feet From The	North	Line and	1980	_Feet From The	we We	est Line
Section	4 Town		228	Range 37E		NMP		County	
Date Spudded 3/9/99	11. Date T.D. Reach 3/19/99	-	. Date Compl. (Ready to 3/27/9	•	13. Eleva	tions (DF& RKB, RT, 3453'	GR, etc.) GR	14. Elev. Casir	nghead
. Total Depth	16. Plug Back T		17. If Multiple Compl		I	18. Intervals	Rotary Tools		Cable Tools
3950		58	Many Zones?			Drilled By		X	
Producing Interval(s), o		p, Bottom, Nar	ne						tional Survey Made
Type Electric and Other							22. Was Well	NO Cored	
R-CNL / GR-A								NO	
3.									
CASING SIZE	WEIGHT LB		DEPTH SET	RD (Report			<b>Vell)</b> NTING RECO		AMOUNT PULL
-5/8"	24#	<u>JF1.</u>	1037	12-/1		490 sx / Circ			ANIOUNTFOLL
-1/2"	17#		3950	7-7/8	3	950 sx / Circ			
I	LINI	ER RECOF	20		25.		TUBING F	RECORD	<u> </u>
SIZE			SACKS CEMENT	ŚCREEN		SIZE		TH SET	PACKER SET
						2-7/8	3	811	
6. Perforation reco			205)		L				NT, SQUEEZE, ETC.
	iu (interval, size	, and nume				DEPTH INTERVAL			KIND MATERIAL USED
rayburg 3678-80,	<b>83-88</b> , 9 <b>4-</b> 99, 37	02-10, 17-	60 - 4" - 284 H	loles		3678 - 3760	Acidize w	/ 2600 gals	15% HCL
							Frac w / 48	3516 gals ge	el & 70000# 16/30 sa
							+		······································
							1		
									····
- + First Production			oduction Method (Flowing					Wall Stat	us (Prod. or Shut-in)
?9/99		]		nping - 1.5"					Producina
of Test	Hours Tested		noke Size Prod'	n For O	NI - Bbl.	Gas - MCF	Water - Bl	bi.	Gas - Oil Ratio
1/99	24		Test	Period	14	98	86		7000
ubing Press.	Casing Pressure	Calculated 24 Hour Rate	- Oil - Bbl.	Gas - MO	CF	Water - Bbl	Oil Gr	avity - API - (Co	
rosition of Gas (Sol	d, used for fuel, vente			<u> </u>	· · ·	<u> </u>	Tool Mitson	d By	39.4
position of Gas (30/	a, used for falls, verifie						Test Witnesse	аву Corporati	on
Attachments					·····		Tupaone	Sorporati	<u></u>
SOU PERMIT			unis form is true and com		110				
by contry that the		A sides of		Printed	• ·	-			
Signature	CANA	xne	<u>undon</u>	Name Del	ora J. /	Anderson	Eng	ineering	Tech. Date <u>4/20</u>
			·	·					

### INSTRUCTIONS

This form is to filed with the appropriate District Office of the Division Office of the Division 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 be 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.

NDICATE FORMATION TOPS IN	CONFORMANCE WITH	GEOGRAPHICAL	SECTION OF STATE

	Sc	outheastern	Ne	w Mexico			1	Northwest	tern New Mexico	>	
T. Anhy		1180	Т.	Canyon			т.	Ójo Alamo		Т.	Penn. "B"
T. Sait		1400	Т.	Strawn			Т.	Kirtland-Frui	tland	Т.	Penn. "C"
B. Salt		2440	Т.	Atoka			Т.	Pictured Clif	fs	Т.	Penn. "D"
T. Yates		2585	T.	Miss			Т.	Cliff House		Т.	Leadville
T. 7 Rivers		2812	Т.	Devonian	_		т.	Menefee		Т.	Madison
T. Queen		3365	T.	Silurian			т.	Point Looko	ut	Т.	Elbert
T. Graybur	g	3605	Т.	Montoya			Т.	Mancos		Т.	McCracken
T. San And	tres	3880	Т.	Simpson			Т.	Gallup		Т.	Ignacio Otzte
T. Glorieta			Т.	МсКее			Ba	ise Greenhor	n .	Τ.	Granite
T. Paddock	<		Т.	Ellenburger	_		Т.	Dakota		Τ.	
T. Blinebry			Т.	Gr. Wash			Т.	Morrison		Т.	
T. Tubb			Т.	Delaware Sand			Т.	Todilto		Т.	
T. Drinkard			T.	Bone Springs			т.	Entrada		Т.	
T. Abo			Т.	Rustler			Т.	Wingate		Τ.	
T. Wolfcan	пр		T.				Τ.	Chinle		Т.	
T. Penn			T.				Т.	Permain		Т.	
T. Cisco (B	Bough C)		Т.				Т.	Penn "A"		Т.	
				OILOR	G	AS SAN	DS	OR ZON	ES	•	
No. 1, from	1		to			No. 3, from				to	
No. 2, from			to			No. 4, from				to	
				IMPOR	17	ΓANT WA	T	ER SANDS	5		•
Include dat	ta on rate of	water inflow ar	id ele	evation to which wate	e	r rose in hol	e.				
No. 1, from				to		***********			feet		
No. 2, from				to					feet		
No. 3, from	1			to					feet	••	
		L.I	THO	LOGY RECORI	D	(Attach a	dd	ditional she	et if necessary)		
	_	Thickness in				_		_			
From	To	Feet		Lithology		From	┡	То	Thickness in Feet	╞	Lithology
					ľ	1					
					ľ						
					ľ						
					ľ	1					
					ľ	ľ					

District I		· ·	State	of New Mex	rico					Form C-104
P.O. Box 1980, Hobbs,	NM 88241-1980	Energy, N			sources Departme	ent			Revised	February 10, 1994
District II	NIL 00044 0740								ir	sturctions on back
P.O.Drawer DD, Artesia	,NM 88211-0719	OIL C			N DIVISION	ļ		:	Submit to Approp	viate District Office
District III 1000 Rio Brazos Rd., A	ztec, NM 87410			D. Box 208 outh Pach	-					5 Copies
District IV				Fe, NM 87				<b></b>		DED REPORT
P.O. Box 2088, Santa F	e, NM 87504-2088	,		-1						
<b>I</b> .	REQU	JEST FOR ALL	.OWABLE	AND AU	THORIZATION	т от г	RANSP	ORT		
<sup>1</sup> Operator name an	d Address					2	OGRID Numb		<u></u>	
Apache Co	orporation Oak Blvd, Si	uito 100				3	000873			
	X 77056-44						Reason for Fill RT 400 I	-	rch, 1999	
API Number		<sup>5</sup> Pool Name			· · · · · · · · · · · · · · · · · · ·			<sup>6</sup> Pool Code	<u>cii, 1999</u>	
30-025-345	182	Penrose Skelly	y;Grayburç	<u>]</u>				<u>-</u>	50350	
<sup>7</sup> Property Code 23110	,	* Property Name Rinewalt						<sup>9</sup> Well Number 5	ſ	
	1º Surface Location						L			
UI or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North	/South line	Feet from the	East/West line	County
Lot 3	4		510	L	N	1980	W	Lea		
Ul or lot no.	" Bottom H	Lot. Idn	Feet from the	Net	/South line	Freddy or Ma				
	Section	Township	Range	Lot ion	Feet from the	North	/South Ime	Feet from the	East/West line	County
12 Lse Code	<sup>13</sup> Produci	ing Method Code	<sup>14</sup> Gas Conr	nection Date	<sup>15</sup> C-129 Permit Numb	er <sup>16</sup>	29 Effective D	ate 17	C-129 Ex	piration Date
P	L	P	L							
III. Oil and Ga	s Transporte	2/S <sup>19</sup> Transporter Name			20 POD	21 O/G	r	22 POD ULSTR	Location	
OGRID		and Address						and Desriptic		
034053	3	arketing & Trans	sportation	_	2263210	0				
		is, Suite 700								
000000		TX 77002			0000000					
020809		rdson Gasoline St., Suite 3000			2266830	G			,	
	Í		,							
	Ft. Worth	, TX 76102								
									<u></u>	
	J									
			***							
IV Produced V	Nater		2,	POD ULSTR	Location and Description	<u></u> _				
2263250										:
V. Well Comp							<del></del>		<u></u>	
25 Spud Date	T	26 Ready Date	27	<sup>7</sup> TD	28	PBTD		29	Perforation	3
3/9/99	lole Size	31	Casing & Tubing	a Size		Depth Se		37	<sup>3</sup> Sacks Cement	
	DIG OLG		Casing a Tubing	1958		Depin Se	β <b>ι</b>		Sacka Cement	
										······
										·
										<u></u>
VI Well Test I	 Data	<u></u>								
<sup>34</sup> Date New Oil		Delivery Date	30 Te:	st Date	<sup>37</sup> Test Length	38	Tbg. Press	sure <sup>34</sup>	Csg.	Pressure
	L									
40 Choke Size	41	Oli	a N	Water	Gas Gas	44	AOF	4	' Test	Method
40 I hereby certify the	at the rules of the O	U Conservation Division h	have been compl	lied		OIL	CONSER	VATION DI	<b>VISION</b>	
with and that the inform		is true and complete to the	-	1						
knowledge and belief.	10	. (	, ,			Λ[	· · /	70	~	
Signature:	use M	1. Kight	To			m	is U	<u>Alla</u>	na	
Printed Name: Pamela M.		TRUE: DISTRICT 1 SUPERVISOR								
Title:		Approval Date: AP		3 1999'	FERMAC	<u>/H</u>	<u></u>			
	y Analyst .	1				· ~ 0	) 1999			
Date: 4/8/99	I	Phone: 713-296-71	20							
<sup>47</sup> If this is a change	of operator fill in the	e OGRID number and na		us operator						
L	Previous Operator	Oleo aluca			Printed Name					
	Previous Operator	Signature.						Title		Date

Submit 3 Copies o Appropriate District Office	State of No Energy, Minerals and Natu			Form C-103 Revised 1-1-89
DISTRICT I		TION DIVISION	WELL API NO.	
P.O. Box 1980, Hobbs, NM 882	T.O. DC		30-025-34582	
DISTRICT II P.O. Drawer DD, Artesia, NM 8	Santa Fe, New Me	exico 87504-2088	5. Indicate Type of Lease	FEE
DISTRICT III			6. State Oil & Gas Lease No.	· · · · · · · · · · · · · · · · · · ·
1000 Rio Brazos Rd., Aztec, NI	M 87410 UNDRY NOTICES AND REPORTS (		24282	
	FORM FOR PROPOSALS TO DRILL OR TO		7. Lease Name or Unit Agreement	Name
•	FERENT RESERVOIR. USE "APPLICATION	FOR PERMIT"		
1. Type of Well:	(FORM C-101) FOR SUCH PROPOSA	LS.)	Rine	ewalt
OIL WEL		1		
2. Name of Operator Apache Corporatio	on		8. Well No. 5	
3. Address of Operator		4400	9. Pool name or Wildcat	
4. Well Location	d., Ste. 100, Houston, Texas 77056-	4400	Penrose; Skelly-Gra	/burg
Unit Letter		orth Line and 1980	Feet From The West	Line
Section	4 Township 22S Range	37E NMPI	M Lea County	
	3453'	GR		
11.	Check Appropriate E NOTICE OF INTENTION TO:	lox to Indicate Nature of Notice, f	Report, or Other Data SUBSEQUENT REPOR	
Perform Remedia				ng Casing
Temporarily Abar		Commence Dr		nd Abandonment
Pull or Alter Casi	ng	Casing Test ar		
Other		✓ Other	Surface Casing	
12. Describe Proposed or Con SEE RULE 1103.	mpleted Operations (Clearly state all pertinent details, and give	e pertinent dates, including estimated date c	of starting any proposed work)	
3/8/99	MIRU Capstar Rig # 9			
3/9/99	Spud well @ 7:00 AM			
3/10/99	Drilled 12-1/4" hole to 1037'. Ran 2 Circulated 105 sx to pit.	5 jts 8-5/8" 24# J-55 ST&C	casing. Cemented w	/ 490 sx Class "
	implien above is true and complete to the best of my knowled	-		
SIGNATURE	SUNAL MADINE TITLE	Engineering Tecl	······································	3/18/99
	Debra J./Anderson		TELEPHON	IE NO. 713-296-
TYPE OR PRINT MAME (This space for State Use)				
	Chies allin TITLE	DISTRICT 1 SUP	ERVISOR DATE	

Submit 3 Copies to Appropriate District Office	State of New Energy, Minerals and Natura		Form C-103 Revised 1-1-89		
DISTRICT	OIL CONSERVA	TION DIVISION	WELL API NO.		
P.O. Box 1980, Hobbs, NM 88240	P.O. BO	K 2088	30-025-34582		
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mex	xico 87504-2088	5. Indicate Type of Lease		
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas Lease No. 24282		
	NOTICES AND REPORTS O				
DIFFERENT	OR PROPOSALS TO DRILL OR TO D RESERVOIR. USE "APPLICATION F ORM C-101) FOR SUCH PROPOSAL	OR PERMIT"	7. Lease Name or Unit Agreement Name Rinewalt		
1. Type of Well:	ORMIC-101) FOR SOCHFROPOSAL	5.)	Kinewait		
	GAS WELL OTHER				
2. Name of Operator			8. Well No.		
Apache Corporation		· · · · · · · · · · · · · · · · · · ·	5		
3. Address of Operator		100	9. Pool name or Wildcat		
	100, Houston, Texas 77056-4	400	Penrose; Skelly-Grayburg		
4. Well Location Unit Letter Lot 3	: 510 Feet From The NO	rth Line and 1980	Feet From The West Line		
Section 4		37E NMPM	Lea County		
	10. Elevation (Show wheth 3453'	GR			
11.	Check Appropriate Bo	ox to Indicate Nature of Notice, R	eport, or Other Data		
NOT	ICE OF INTENTION TO:	:	SUBSEQUENT REPORT OF:		
Perform Remedial Work	Plug and Abandon	Remedial Work	Altering Casing		
Temporarily Abandon	Change Plans	Commence Dril	illing Operations 🔲 Plug and Abandonment		
Pull or Alter Casing		Casing Test and Cement Job			
C Other		✓ Other	Production Casing		

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.

.

3/20/99 Drilled 7-7/8" hole to 3950'. Ran 89 jts 5-1/2" 17# J-55 LT&C casing. Cemented w / 950 sx Class "C". Circulated 100 sx to pit. Rig released @ 9:30 AM.

I hereby certify that the information above SIGNATURE	is true and complete to the best of my knowledg	e and belief. Engineering Technician	DATE	3/22/99
TYPE OR PRINT NAME Debra	Anderson		TELEPHONE	NO. 713-296-6338
(This space for State Use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	Williams TITLE	EISTRICT 1 SUFERVISOR	DATE	APR 23 1999

<i>i</i>										
District IState of NewP. O. Box 1980, Hobbs, NM 88241-1980Energy, Minerals & NaturaDistrict IIDistrict IIP. O. Drawer DD, Artesia, NM 88211-0719OIL CONSERVATDistrict IIIP. O. Box 1000 Rio Brazos Rd., Aztec, NM 87410District IVP. O. Box 2088, Santa Fe, NM 87504-2088						ral Resources DepartmentRevised February 10, 1994Instructions on backTION DIVISIONox 2088Submit to Appropriate District OfficeState Lease - 6 Copies				
									AME	NDED REPORT
APPLIC	APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE									
			<sup>1</sup> Op	erator Nam	e and Address.					OGRID Number
			Ар	ache Co	orporation					873 API Number
	C/o J. C	) Easley	Inc. P.	O. Box	2691. Rosw	ell, NM 882	202-2691			5-34582
<sup>4</sup> Prope	rty Code	1	<u>,,</u>			roperty Name			L	<sup>6</sup> Well No.
73	110-				R	einwalt				5
					<sup>7</sup> Surface	Location				· · · · · · · · · · · · · · · · · · ·
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Li		1	est line	County
Lot 3	4	22S 8	37E	Detter	510	North	1980		est	Lea
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Lin	rent From Su		Vest line	County
		•								
	Dommonou	<sup>9</sup> Propose		(50250)	· · · · · · · · · · · · · · · · · · ·	······································	<sup>10</sup> P	roposed Pool	12	······································
·			Grayburg	<u> </u>						
1	ype Code		<sup>2</sup> Well Type C	ode	1	e/Rotary <sup>14</sup> Lease Type Code			<sup>15</sup> Ground Level Elevation	
1	N Iltiple		<sup>7</sup> Proposed De	pth		R P mation <sup>19</sup> Contractor		3453' <sup>20</sup> Spud Date		
1	lo		4500'	-	Penrose-	Grayburg			ASAP	
			21	Propos	ed Casing a	and Cement	Program			
Hole si			g Size	Casing	g weight/foot	Setting Depth Sacks of Cemer				
7 7/8		<u>85</u>			24# 15.5#	1200		365	Circ to Surf	
/ //0			/2		13.5#	3950' 675				Circ to Surf
										<u></u>
					N or PLUG BACK nects if necessary.		the present producti	ve zone and j	proposed no	ew productive zone.
					See Exh	nibit "C"				
Earmit Expires 1 Year From Approval Date Unices Drilling Underway										
<sup>23</sup> I hereby certi of my knowled	e and beligh.	1	en above is tru	e and comp	lete to the best		OIL CONSER	VATIO		SION
Signature:	ith Alle					Approved by:	lang 10	AXIAN	WAIK	
Printed name:						Title:	FIELD RE			
Title: Agen	t for Apa	che Corj				Approval Date MAR 0 4 1999 Expiration Date:				
Date: 3-1-9	9		Phone: 505	-625-88	807	Conditions of Approval: Attached				

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II P.O. Drawer DD. Artesia, NM 86211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

### OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

		1	WELL LC	CATIC	ON AND ACRI	EAGE DEDICAT	ION PLAT		
	Number	4582		Pool Cod		nvese; Skelly	Pool Name	······	<u></u>
30-02	D - 5 Code 2428			56350	Property N		<u>1- ()rayour</u>	Well Num	
+6810	23110				REINWA		•	5	1061
OGRID No	).				Operator N			Elevatio	_
813				<i>F</i>	APACHE CORF	ORATION		345	3
					Surface Lo	cation			
UL or lot No.	Section	Township	Range	Lot Id	ł	,	Feet from the	East/West line	County
LOT 3	<i>i</i>	22 8	37 E	l	510	NORTH	1980	WEST	LEA
			Bottom	Hole	Location If Dif	ferent From Su	rface		
UL or lot No.	Section	Township	Range	Lot Id	n Feet from the	North/South line	Feet from the	East/West line	County
				<u> </u>					L
Dedicated Acres	s Joint d	or Infill Co	nsolidation	Code	Order No.				
40.00				<u> </u>					
NO ALLO	WABLE V					UNTIL ALL INTE N APPROVED BY		EEN CONSOLIDA	ATED
				1	·····				<u> </u>
LOT 4			2	ł	LOT 2	LOT 1	OPERATO	OR CERTIFICAT	TION
_		L. L.	)					ny certify the the in	-
	1980'	<b>-</b>	)				11	n is true and compl wledge and belief.	ele lo ine
	1			}			1/41	. /	1
	1			1	ł		TENTONSPOUND	MIN	1
39.91 ACR	RES	39.86 A	CRES	ſ	39.80 ACRES	39.75 ACRES	Signature	1 1	
							Kenton H.	Hamminds	
		SPC N					Printed Nam	For Apoche 1	lava
]]		NAD 19 N=52036					Titu	1 1 Docie	
	1	E=85905	5.60				1 - 3/	1/99	
							Date /		
	I						SURVEY	OR CERTIFICA	FION
	1						I hereby certif	y that the well locat	tion shown
	[							as plotted from fiel made by me or	-
							supervison a	nd that the same is	true and
							correct to th	e best of my belie	у. 
	.						FEBR	UARY 18, 199	9
							Date Survey	Seel. of Contraction	DMCC
							Professional	Surveyor	
	1				. 1		I AF Si	Tro	-
	Ì						Vonall	K1 Billon	2-24.99
	1						1 2 9	9-11-0122	
							Certificate	I. RONALD DEEDSO	ON 3239
				·				GARY LEDSON	12641 D 12185

DISTRICT I

P.9. Box 1980, Hobbs, NM 88241-1980

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE. N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

### OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code API Number Pool Name 50 750 wese )ス*5~3458*み aunura Property Name Well Number Property Code REINWALT 5 HO 24282 **Operator** Name OGBID No. Elevation APACHE CORPORATION 3453 Surface Location Feet from the Section Township Range Lot Idn North/South line Feet from the East/West line UL or lot No. County LOT 3 4 22 S 37 E 510 NORTH 1980 WEST LEA Bottom Hole Location If Different From Surface UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County Joint or Infill Consolidation Code Order No. **Dedicated** Acres '0, *ôv* NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the and belief. KUUI gnatu umminds rıN rinted Name COLLINS & WARE J.G. HARE #4 Date 33 33 T-36-S 63 SURVEYOR CERTIFICATION T-37-S I hereby certify that the well location shown Δ 4 on this plat was plotted from field notes of 163' actual surveys made by me or under my 262' supervison and that the same is true and correct to the best of my belief. REINWALT #2 REINWALT #4 FEBRUARY 18, 1999 Date Surveyed DMCC

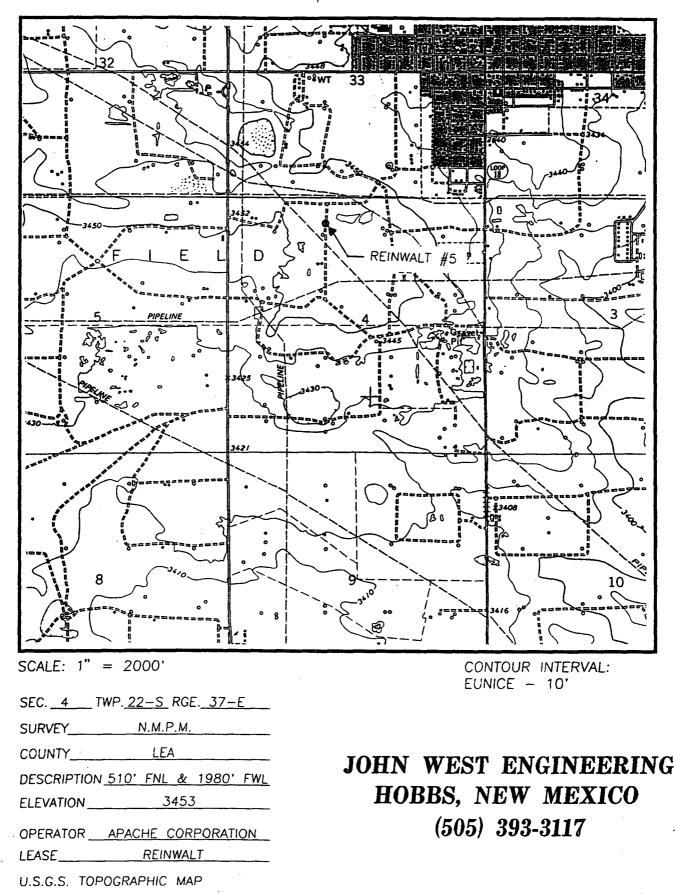
**REINWALT #3** 

Signature & Seal of Professional Surveyor

99-11-0122

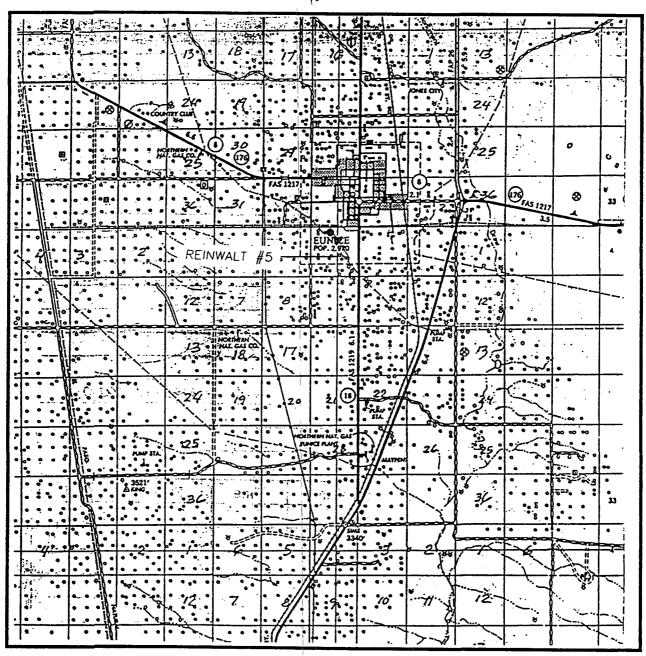
Certificate No. RONALD J. EIDSON 3239 GARY EIDSON MACON MCDONALD 12641 12185

# LOCATION VERIFICATION MAP



EUNICE, N.M.

## VICINITY MAP B-V



SCALE: 1'' = 2 MILES

SEC. <u>4</u> 7	WP. <u>22-S</u> RGE. <u>37-E</u>
SURVEY	N.M.P.M.
COUNTY	LEA
· DESCRIPTION	<u>510' FNL &amp; 1980' FWL</u>
ELEVATION	3453
OPERATOR	APACHE CORPORATION REINWALT

JOHN WEST ENGINEERING HOBBS, NEW MEXICO (505) 393-3117

### EXHIBIT "C" Reinwalt #5

١

### DRILLING PROGRAM

- I. The geological surface formation is recent Permian with quaternary alluvium and other surficial deposits.
- II. Estimated Tops of Geological Markers:

FORMATION	DEPTH
Yates	25,00'
Grayburg	3600'
TD	45,00'

III. Estimated depths at which water, oil, gas, or other mineral-bearing formations are expected to be encountered: <u>SUBSTANCE</u> <u>DEPTH</u>

Fresh Water	None anticipated
Oil	3600'
Gas	None anticipated

IV. A. Proposed Casing Program:

 HOLE <u>SIZE</u>	<u>CASING</u> <u>SIZE</u>	GRADE	<u>WEIGHT PER</u> <u>FOOT</u>	DEPTH
11"	8 5/8"	K55 STC	. 24#	1200'
7 7/8"	5 1/2"	K55 LTC	15.5#	3950'

- B. Proposed Cement Program:
  - 8 5/8" Lead Slurry: Volume CU-FT=423/Volume Factor=1.97: 215 sx Poz (Fly Ash): Class C Cement + 2% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 0.003 gps FP-6L + 6% bwoc Bentonite + 103% Fresh Water <u>Tail Slurry</u>: Volume CU-FT=202/Volume Factor=1.34: 150 sx Class C Cement + 2% bwoc Calcium Chloride + 56.4% Fresh Water
  - 5 1/2" Lead Slurry: Volume CU-FT=919/Volume Factor=1.93: 475 sx Poz (Fly Ash): Class C Cement + 5 lbs/sack Sodium Chloride + 0.003 gps FP-6L + 6% bwoc Bentonite + 99% Fresh Water
    <u>Tail Slurry</u>: Volume CU-FT=271/Volume Factor=1.35: 200 sx Class C Cement + 3% bwow Potassium Chloride + 0.2% bwoc CD-32 + 0.6% bwoc FL-62 + 0.2% bwoc Sodium Metasilicate + 56.6% Fresh Water.
    The top of cement is designed to reach 100' above 8 5/8" cashing shoe.

V. Proposed Mud Program:

The well will be drilled to total depth using fresh water & brine. 8.6-9.2 weight mud using fresh water will be used from surface to 1200' and 9.0 - 10.3 weight mud with brine water will be used from 1200' to TD.

VI. Proposed Control Equipment:

Will install on the 8 5/8" surface casing a 10" Series 900, Type "E", Shaffer Double Hydraulic BOP, with pipe and blind rams and annular stabbing valve, and will test before drilling in the Queen formation. BOP working pressure: 3000 psi. See Exhibit "E" for BOP layout.

VII. Auxiliary Equipment:

Blowout preventor, gas detector, kelly cock, pit level monitor, flow sensors, and stabbing valve.

VIII A. Testing Program:

Drill Stem Tests: None planned

B. Logging Program:

**Density Neutron** 

C. Coring Program:

None planned

IX. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered, however, the proposed mud program will be modified to increase the mud-weight.

2

### EXHIBIT "D" Reinwalt #5

### HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

### I. Hydrogen Sulfide Training

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

- 1. The hazards and characteristics of hydrogen sulfide  $(H_2S)$ .
- 2. The proper use and maintenance of personal protective equipment and life support systems.
- 3. The proper use of  $H_2S$  detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
- 4. The proper techniques for first aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

- 1. The effects of  $H_2S$  on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
- 2. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
- 3. The contents and requirements of the H<sub>2</sub>S Drilling Operations Plan and the Public Protection Plan.

There will be an initial training session just prior to encountering a known or probable  $H_2S$  zone (within 3 days or 500 feet) and weekly  $H_2S$  and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific  $H_2S$  Drilling Operations Plan and the Public Protection Plan. This plan shall be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

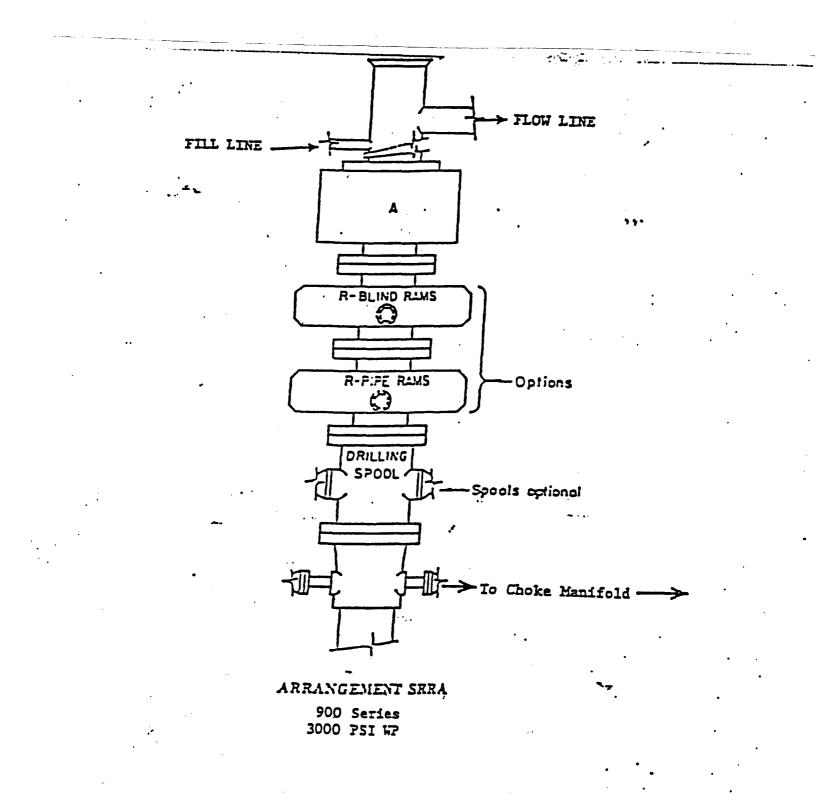
### II. H<sub>2</sub>S Safety Equipment and Systems

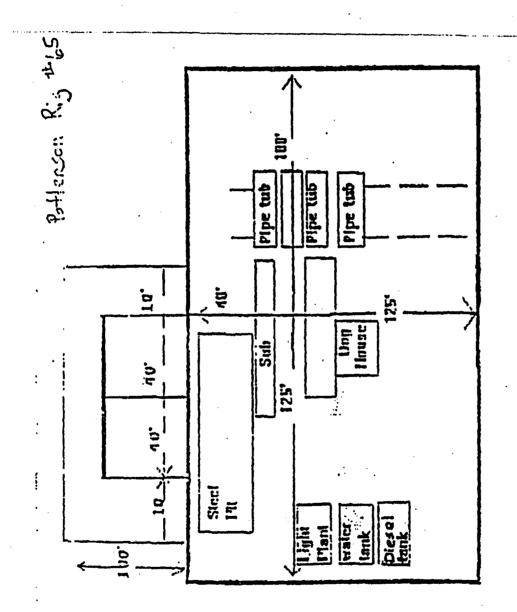
Note: All  $H_2S$  safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating, the first zone containing, or reasonably expected to contain,  $H_2S$ .

- 1. Well Control Equipment:
  - A. Flare line with electronic igniter or continuous pilot.
  - B. Choke manifold with a minimum of one remote choke.
  - C. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.
  - D. Auxiliary equipment to include annular preventer, mud-gas separator, rotating head, and flare gun with flares.
- 2. Protective equipment for essential personnel:
  - A. Mark II Surviveair 30-minute units located in the dog house and at briefing areas, as indicated on Exhibit "F".
- 3.  $H_2S$  detection and monitoring equipment:
  - A. Two portable  $H_2S$  monitors positioned on location for best coverage and response. These units have warning lights and audible sirens when  $H_2S$  levels of 20 ppm are reached.
  - B. One portable S02 monitor positioned near flare line.
- 4. Visual warning systems:
  - A. Wind direction indicators as shown on Exhibit "F".
  - B. Caution/Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location. Bilingual signs will be used when appropriate.
- 5. Mud program:
  - A. The mud program has been designed to minimize the volume of  $H_2S$  circulated to the surface. Proper mud weight, safe drilling practices, and the use of  $H_2S$  scavengers will minimize hazards when penetrating  $H_2S$ -bearing zones.
  - B. A mud-gas separator and an  $H_2S$  gas buster will be utilized.

- 6. Metallurgy:
  - A. All drill strings, casings, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for  $H_2S$  service.
  - B. All elastomers used for packing and seals shall be  $H_2S$  trim.
- 7. Communication:
  - A. Radio communications in company vehicles including cellular telephone and 2-way radio.
  - B. Land Line (telephone) communications at field office.
- 8. Well testing:
  - A. Drill stem testing will be performed with a minimum number of personnel in the immediate vicinity which are necessary to safely and adequately conduct the test. The drill stem testing will be conducted during daylight hours, and formation fluids will not be flowed to the surface. All drill stem testing operations conducted in an  $H_2S$  environment will use the closed chamber method of testing.

EXHIBIT "E" Reinwalt #5





5

CMD : OG5SECT Sec : 04 Twp : 22S	BY SECTION Type : NORMAL	07/17/00 16:45:58 OGOMES -TQDZ PAGE NO: 1	
4	3	2	1
39.91	39.86	39.80	39.75
Fee owned	Fee owned	Fee owned	Fee owned
A P P	ААА	AA	A A
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Fee owned	Fee owned	Fee owned	Fee owned
A	AA	AA	AA
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PF07 BKWD PF08 FWI	D PF09 PRINT PI	F10 SDIV PF11	PF12

19.86

Date: 7/17/2000 Time: 05:07:15 PM

CMD : OG5SECT Sec : 04 Twp : 22S	07/17/00 16:46:02 OGOMES -TQD2 PAGE NO: 2		
L	K	J	I
40.00	40.00	40.00	40.00
Fee owned	Fee owned	Fee owned	Fee owned
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PF01 HELP PF02	PF03 EXIT PI	F04 GoTo PF05	PF06
PF07 BKWD PF08 FWI	D PF09 PRINT PI	F10 SDIV PF11	PF12

07/17/00 16:47:13 CMD : ONGARD INQUIRE WELL COMPLETIONS OGOMES -TQDZ OG6IWCM API Well No : 30 25 10034 Eff Date : 03-01-1997 WC Status : P Pool Idn : 6660 BLINEBRY OIL AND GAS (OIL) OGRID Idn : 157984 OCCIDENTAL PERMIAN LTD Prop Idn : 19540 RINEWALT Well No : 001 GL Elevation: 3450 U/L Sec Township Range North/South East/West Prop/Act(P/A) B.H. Locn : F 4 22S 37E FTG 2310 F N FTG 2310 F W Ρ Lot Identifier: Dedicated Acre: Lease Type : P Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : MOD25. Enter DE keys to scroll

	M0025: Enter	PF keys to scroll						
PF01 HEL	P PF02	PF03 EXIT	PF04	GoTo	PF05		PF06	
PF07	PF08	PF09	PF10	NEXT-WC	PF11	HISTORY	PF12	NXTREC

ante Malateria	COUNTY	Lea	POOL Eumon	t Gas	(V-SR-Q
	TOWNSHI	P 22 - South	RANGE 37-Eas	t NMPM ,	
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	-30	29	-28	-27-26-	25
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	-AII See <u>AII See</u> <u>N2 4 54</u> - 54/4 5 - 54/4 5 <u>Contract</u>	4. 6; 5/4 Sec. 5. 8, 9 410; 1/2 4 Sec. 17, CR ec. 20, CR-11 ec. 19, CR-198 4 100 ; AH Sec. 1	17: "4 Sec. 20 544 Sec. 19; (A -914, 11-13-56) 43, 3-25-58) 1 6-1-61).	: 1/2 Sec. 19, (R.7) (R-800, 5-16-56) -877, 9-13-56) - A -N/2 N/4 Sec. 15, 1 2 5/4 Sec. 19, (R 2 5/4 Sec. 20 (R-7) 19, 4-1-72)- 1-1-72) Ext: All Se	- 5/2 Sec. 7; 111 Sec. 16; (R-933,12-28 -1840,1-1-6, 556, 8-23-63;