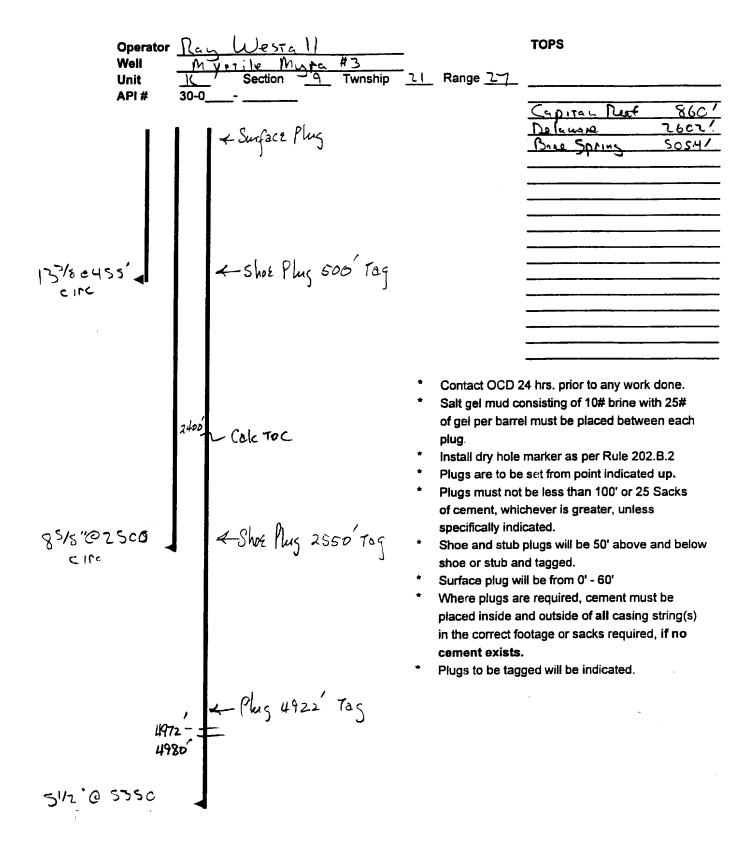
VEO BY MIKE WILLIAMS TITLE	JAN 9 1985
Original Signed By	DATE 1-2-85
hereby certify that the information above is true and complete to the best of my knowledge and belief.	•
hereby Certify that the	
r	
f 2500' in Dolomite & Sand. Ran and set 54 Jts (2146.18') 8-5/8" OD -5/8" OD 32# casing @ 2500' and cemented w/500 sacks of TLW w/4% Gel, locele/sack + 200 sacks of Class C w/2% CaCl2/sack cement. PD @ 1700 rculated to the surface. WOC 18 hrs. Tested 8-5/8" OD casing to 15	24# and 8 Jts (342.82') 5# Gilsonite and 0.25#
.D. 2500' Dolomite & Sand. Prep to drill ahead. Drilled a 12-1/2" h	ole from 505' to a T.D.
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, includin work) SEE RULE 1103.	y estimated de-
OTHER CASING TEST AND CEMENT JQB X	
LL OR ALTER CASING COMMENCE DRILLING OPNS.	ALTERING CASING PLUG AND ABANDONMENT
SUBSEQUE!	NT REPORT OF:
Check Appropriate Box To Indicate Nature of Notice, Report or C	ther Data
15. Elevation (Show whether DF, RT, GR, etc.) 3232 GR	12. County Eddy
TOWNSHIP 215 RANGE NIME	
UNIT LETTER K 1980 FEET FROM THE SOUTH LINE AND 1980	Undesia Rone Spring
Location of Well	2 10. Field and Pool, or Wildcat
P.O. Box 1919 - Midland, Texas 79702	State CP Com
Cities Service Oil and Gas Corporation	8. Farm or Lease Name
WELL X	7. Unit Agreement Name
SUNDRY NOTICES AND REPORTS ON WELLS	L-1648
OPERATOR C. C. D. ARTESIA DIFFICE	State X Fee S. Diate Ci. & Gas Lease No.
LAND OFFICE JAN 4 185	5a. inarcate Type of Lease
	Effective 1-1-65
RECEIVED BY CONSERVATION COMMISSION	Supersedes Old C-102 and C-103



Subinit 5 Copies
Appropriate District Office
DISTRICT I
P.O Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Antesia, NM 88210

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe. New Mexico 87504-2088

DISTRICT III 000 Rio Brazos Rd., Aztec, NM 87410	REOL			I OWAF	BLE AND A	UTHORIZ	ZATION	LA ELA LAERK	e	
1					AND NAT					
Operator							Well A	.PI No.		
Ray Westall *							30-0	15-2512	6	
Address	1 1716	0005	. -							
Box 4, Loco Hill	LS NM	8825))		Othor	(Please expla				
Reason(s) for Filing (Check proper box)		Charas in	Tmmone	war of:	Other	(r ieuse expiu	un)			
New Well	Oil	Change in	Dry G							
Recompletion L. Change in Operator		d Gas	Conde							
Change in Operator give name	- Cuang.io			-			-,			
and address of previous operator										
II. DESCRIPTION OF WELL	AND LE		In 13		- Franklas		Kind o	of Lease	1	ase No.
Lease Name Myrtle Myra		Well No.	1		ng Formation a Delaw	210		Federal or Fee	V-1	
		I	1114	HUCLU	u DC.Law	410		MAMM	1 Y ±	,
Location K	198	30	F . F	S	outh Line	1980) _{Ea}	et From The W	est	Line
Unit Letter	:		_ Feet Fi	om the	Line	and	rc	et Piont The		Lino
Section 9 Towns	nip 21 S	South	Range	27 E	ast ,NM	IPM, []]	Eddy			County
III. DESIGNATION OF TRA	NSPORTE			<u>D NATU</u>	RAL GAS	address to wh	ich approved	copy of this form	is to he se	nt)
Name of Authorized Transporter of Oil		or Conde	nsate		1			id Tx 79		,
CONOCO Name of Authorized Transporter of Casi	nahaud Gae	[X]	or Dry	Gas [copy of this form		nt)
Phillips	ngnead Oas	$\square \Delta$	or Dry	Gas. []	4	enbrool			9762	/
If well produces oil or liquids,	Unit	Sec.	Twp.	Rge.	1		When		<u> </u>	
give location of tanks.	J	9	21	27	Ye		<u>i 2/</u>	/1/92		
If this production is commingled with tha	t from any oth	ner lease or	pool, gi	ve commingl	ing order number	er: CTB	361			
IV. COMPLETION DATA							1 5		D t .	bice n (.
Designate Type of Completion	n - (X)	Oil Well	' '	Gas Well	New Well	Workover	Deepen	Plug Back Sa	me Kesv	Diff Res'v
Date Spudded		pl. Ready to	Prod.		Total Depth		L	P.B.T.D.		<u> </u>
Elevations (DF, RKB, RT, GR, etc.)	Name of P	roducing F	ormation		Top Oil/Gas P	ay		Tubing Depth		
Perforations								Depth Casing S	hoe	,
		ELIDINIC	CARI	NIC AND	CEMENTIN	C DECOD	<u></u>	<u> </u>		
HOLE SIZE		SING & T				DEPTH SET	D	SA	CKS CEME	
HOLE SIZE		SING & TO	JBING	3126	1	DEF III OE I		300	JIG OLIVIL	AIVI
							* * * * * * * * * * * * * * * * * * * *			
V. TEST DATA AND REQUE										
OIL WELL (Test must be after Date First New Oil Run To Tank	Date of Te		of load	oil and must	Producing Met				full 24 how	·s.)
Trate Hist New Oil Run 10 Taux	Date of 1e	SI			1 toducing later	nou (riow, pa	тр, даз тут, г	i.c.,j		
Length of Test	Tubing Pre	essure			Casing Pressur	e		Choke Size		
•										
Actual Prod. During Test	Oil - Bbls				Water - Bbls.			Gas- MCF		
GAS WELL										
Actual Prod. Test - MCP/D	Length of	Test			Bbls. Condens	ate/MMCF		Gravity of Con-	densate	
i sting Method (pitot, back pr.)	Tubing Pre	essure (Shu	l-in)		Casing Pressur	e (Shut-in)		Choke Size		
					l,					
VI. OPERATOR CERTIFIC				ICE		UL CON	ICEDV/	ATION DI	VICIO	. K I
I hereby certify that the rules and regu- Division have been complied with and	lations of the	Oil Conser	vation			IL CON	IOET V	ATTOM DI	V1510	414
is true and complete/to/the best of my			en adove	;	<u> </u>	_		. A.V. O. O. 10	100	
////					Date:	Approved	dt	1AY 2 8 19	332	
MENT										
Signiture Randall L. Harr	i c	1 00	010	rict	Ву		INAL SIG	NED BY		
Printed Name	1.0		2010	J. 13 U		MIKE	WILLIAM	S	•	
5/20/92	67	77-237	Title 70		Title_	SUPE	RVISOR,	DISTRICT I		

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

Date

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.

Telephone No.

- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit 5 Copies Appropriate District Office DISTRICT I P.O. Box 1980, Hobbs, NM 88240

State of New Mexico E. Jy, Minerals and Natural Resources Departme.

Form C-104 Revised 1-1-89 QE CEIVEO See Instructions at Bottom of Page

OIL CONSERVATION DIVISION

DISTRICT II P.O. Drawer DD, Artesia, NM 88210		ox 2088 exico 87504-2088
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410		BLE AND AUTHORIZATION LEGISLA OFFICE
I.	TO TRANSPORT OIL	AND NATURAL GAS
Operator		Well API No.
Ray Westall		30-015-25126
Acidress		
Box 4, Loco Hills	NM 88255	
Reason(s) for Filing (Check proper box)		Other (Please explain) CASINGHEAD GAS MUST NOT BE
New Well	Change in Transporter of:	CHAMOGREME GAS MOST MOT BE
Recompletion	Oil Dry Gas	F. APRO 1. FFF 10 20 51
	* .	

STATE OF NEW MEXICO
Energy, Minerals and Natural Resources Departme

OIL CONSERVATION DIVISION

y	
	DISTRICT OFFICE
	idiya tikan bi bartean 2011. 2014

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE	A Maria Carlos San				
PURPOSE.	\$ 1 · ·				
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	Agentinos (Company)	A Section 1	gardina artist (pr	the first of the Australia	î ⁴ , 4
	"多意思,是不是,				
	* - 18 12 1 1				
	1 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -		OIL CON	ISERVATION DIV	ISION
			D	ISTRICT SUPERVISOR	<u> </u>

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NO. OF COPIES RECEIVED]		4.00-1564 subtil	
DISTRIBUTION	1	RECEIVED BY	Form C-103 Supersedes	
SANTAFE	NEW MEXICO OIL CONSE	FEVATION COMMISSION	C-102 and (C-103
FILE	in a manage are const	DEC 26 1984	Effective 1	-1-65
U.S.G.S.]	THE WAY COUNTY	Sa. Indicate Ty	pe of Leuse
LAND OFFICE		C. C. D.	State X	Fee
OPERATOR]	ARTESIA, OFFICE	5. State C1. 6 (Gas Lease No.
		Tendentel 1:31 affiliation - restrict in the restrict conditions	L-1648	
SUNDE	RY NOTICES AND REPORTS ON SOPPOSALS TO CALL OR TO DEEPEN OF PLUG HATTER FOR PERMIT - " (FORM C-101) FOR SUCH	WELLS CY TO A DIFFERENT RESERVOIR.		
OIL GAS X	OTHER-		7. Unit Agreen.	ent liame
1. Name of Operator			8. Farm or Lea	se Name
Cities Service Oil and	d Gas Corporation		State CP	Com
3. Address of Operator			9. Well No.	
P.O. Box 1919 - Midlar	nd, Texas 79702		2	
4. Location of Well	1000		10. Field and F	ool, or Wildeat
UNIT LETTERK	1980 FEET FROM THE South	LINE AND FE	Undesig.	Bone Springs
THE West LINE SECTI	on 9 TOWNSHIP 215	27E		
			— nmem. []]]]]	
	15. Elevation (Show whether L' 3232' GR	F, RT, GR, etc.)	12. County Eddy	
Check NOTICE OF 11	Appropriate Box To Indicate Na	suesa	QUENT REPORT OF	
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING	PLUG AND ABANDON CHANGE PLANS	SUBSE REMEDIAL WORK COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JQB OTHER	ALTE X PLUG	RING CASING AND ABANDONMENT
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING	NTENTION TO:	SUBSE REMEDIAL WORK COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JQB OTHER	ALTE X PLUG	RING CASING AND ABANDONMENT
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER 17. Describe Proposed of Completed Control See Rule 1103. T.D. 505' Red Reds. From CST on 12-15-84 and draw 48# casing to 504' and Could not break circulation holes @ 370', could not w/ 500 sacks of Class of Class C w/2% CaCl 2 face. Pumped 11 yards WOC 18 hrs. Tested 13	Presention To: CHANGE PLANS Prep to drill ahead. MIRU illed to a T.D. of 505' illed to a T.D. of sof' illed not break circulat ation. Pipe would not go the get deeper. Cemented 1 C w/2% CaCl 2 cement. PD cement down the 13-3/8" a of Redi-mix down the 13-3/8" OD casing to 800# for Red Beds and sand plug i	A REMEDIAL WORK COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JOB OTHER is, and give pertinent dates, if a rotary and spud n Red Beds. Ran I ion. Picked up ca down. RU Gearhar O Jts (443.64') 13 @ 1415 CST on 12-1 nnulus. Cement di 3/8" annulus and f or 30 min OK.	including estimated date of the sum of the s	ole @ 1130 - 13-3/8" OD to 455'. 0.50" dia sing @ 455' 50 sacks to the sur- rface.
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER 17. Describe Proposed or Completed Composed or Composed or Completed Composed or Completed Composed or Completed Composed or Composed or Composed or Completed Composed or Completed Composed or Completed Composed or Composed or Completed Composed or Compose	Presention To: CHANGE PLANS Prep to drill ahead. MIRU illed to a T.D. of 505' illed to a T.D. of sof' illed not break circulat ation. Pipe would not go the get deeper. Cemented 1 C w/2% CaCl 2 cement. PD cement down the 13-3/8" a of Redi-mix down the 13-3/8" OD casing to 800# for Red Beds and sand plug i	A REMEDIAL WORK COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JOB OTHER is, and give pertinent dates, if a rotary and spud n Red Beds. Ran I ion. Picked up ca down. RU Gearhar O Jts (443.64') 13 @ 1415 CST on 12-1 nnulus. Cement di 3/8" annulus and f or 30 min OK.	including estimated date of the sum of the s	ole @ 1130 - 13-3/8" OD to 455'. 0.50" dia sing @ 455' 50 sacks to the sur- rface.
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TEMPORARILY ABANDON PULL OR ALTER CASING OTHER 17. Describe Proposed or Completed Or Work) SEE RULE 1103. T.D. 505' Red Reds. F CST on 12-15-84 and dr 48# casing to 504' and Could not break circul holes @ 370', could not w/ 500 sacks of Class of Class C w/2% CaCl2 face. Pumped 11 yards WOC 18 hrs. Tested 13 @ 320 - 370'. Drilled and sand fill @ 455 -	Presention To: CHANGE PLANS Prep to drill ahead. MIRU illed to a T.D. of 505' illed to a T.D. of sof' illed not break circulat ation. Pipe would not go the get deeper. Cemented 1 C w/2% CaCl 2 cement. PD cement down the 13-3/8" a of Redi-mix down the 13-3/8" OD casing to 800# for Red Beds and sand plug i	A REMEDIAL WORK COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JQB OTHER is, and give pertinent dates, in a rotary and spud n Red Beds. Ran 1 ion. Picked up ca down. RU Gearhar O Jts (443.64') 13 @ 1415 CST on 12-1 nnulus. Cement di 3/8" annulus and f or 30 min OK. nside casing @ 370	including estimated date of the sum of the s	ole @ 1130 - 13-3/8" OD to 455'. 0.50" dia sing @ 455' 50 sacks to the sur- rface.

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SANTAFE		3		į	-evised 1-1-6	
FILE	rec a					Type of Lease
U.S.G.S.	E TO CEC 115			1	STATE 2	-
LAND OFFICE	2	To a de				Gus Lease No.
OPERATOR *	←	100 m			L-1648	
	ATES A	to make a some an		<u>.</u>	777777	
APPLICATIO	N FOR PERMIT TO DR	Miljoseva	Î OR PÎ LIĞ BAÇ	K		
la. Type of Work	and a second	an an team of the state of the state of the	an in the department of a survey of the surv	San Carrier Contract	7. Unit Agree	ement Name
DRILL X	DE	- 15151		-i UG BACK		
b. Type of Well		-			4, Farm or Le	
OIL MELL X	S example			1 1 1 1 1 L	State C	P Com
2. Lame of Sperator				İ	9. Well No.	
Cities Service Oil	l and Gas Corporat	ion 🕡 🕖 🥖	1 675-56	/ *)	2	
3. Address of Operatur					13. Field and	i Pool, or Wildcat
P.O. Box 1919 - Mi				7/	Undesig	. Bone Springs
4. Location of Weil Over Letter	K K	1980		South	111111	
AND 1980 PETT ENGL.	west	. 9	21S	27E		
				Ville Ville		
	HHHHH HA				Eddy	
					11:1:11:	
						20. Hotary or C.T.
		in The	5400'	Bone Spr	ings	Rotary
21. Elevations (Show waether DF,					Ed. Autrox.	Date Work will start
3232' GR	Required/	Approved	N/A		After	permit approval
23.						
	178171	1.5 DF = 590	ada kalender (1965) ya	<.∧N		
SIZE OF HOLE	SIZE OF CASING	กมีที่มีสหรรั	ស ស្រ្តាប្រសិន្	EPTT SAULTOF	CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	48 350 5	300		Circulated
12-1/4"	8-5/8" 2	4 & 32#	2500'	1650		Circulated
7-7/8"	5-1/2"	14#	5400'	500		TOC @ 2400'
· · · r =	1 ., _	• • • •				

It is proposed to drill this well to a T.D. of 5400' and test the Bone Springs Formation. The blowout prevention program is as follows:

- One set of blind rams
 One set of drill pipe rams

The acreage dedicated to this well has not been assigned to any gas purchaser.

,		. (2011年 - 1970年 - 1980年 - 1970年 - 1980年 - 19		UNDERVINE FORM
I hereby certify that the information above is true and complete.	:		· · · · · · · · · · · · · · · · · · ·	
Original Signed By APPROVED BY Mike Williams	*		DATE	DEC 07 1984

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

, '= '

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Cperator					Lease					Well No.
CITIES	S SE	RVICE OIL	& GAS	CORP		STATE C.P.	Com			2
Unit Letter	Sect	ion	Township		Roar	ig#	County			4
K		9		21-SOUTH		27-EAST		EDDY		
Actual Footage Loc	ation (of Well:								
1980	feet	from the S(OUTH .	line and	1980	10-	et from the	WEST		line
Ground Level Elev.		Producing Form	nation		Pool					ited Acreage:
3232.41		Bone Spr	ings		Undes	ignated Bo	ne Sprin	ngs	160	Acres
	e acı	eage dedicat	ted to the	e subject we		olored pencil			ie plat	
2. If more th interest an	2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).									
3. If more that dated by c	3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling.etc? Yes No If answer is "yes," type of consolidation									
If answer in this form if No allowab	is "n nece	o;' list the cessary.)	d to the	ed tract descr	iptions interes	which have a	ctually be	ed (by com	muniti:	Use reverse side of zation, unitization, wed by the Commis-
ſ 		1				1			CERT	IFICATION
		 				1 1 1		tained her	ertify ti	nat the Information con- rue and complete to the dge and belief.
	-	- - - - - - - - - - - - - - - - - - -				 		Company	Servi	Starts r Prod. ce 0&G Corp. 1984
CITIES J.M. 1	HUBE	RVICE 50. R CORP 50.	000% 000%	Sommer.	Strain Control of the	INO.	westernation,	shown on notes of a under my s	this plan actual s supervis ad corre	that the well location was plotted from field urveys made by me or ion, and that the same act to the best of my ief.
		1980		(5)	**12.	American Services			oer 3 roissic surveyo	J. Enloon
0 330 660 '8	0 1:	20 1680 1980	2310 264	40 2000	1800	1000 50	00 0	7		W. WEST, 676

NEW MEXICO OIL CONSERVATION CONSERVAN DRAWER DIS ARTESIA, NEW MEXICO

	Flei	LD REPORT	THE CENT	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	17 101	501S		Elp 6-6 or 7
Operator C	ities Ser	vice	Lease	State	CP	Com	Well #	Z
Location of Well	Unit K	Section G	T	ewashi	7		County E	DDY
Orilling Sentractor	N/A	·		^т ура э .	Eqi	ipment RotA		
* = CSG. TO	WITNESS	<u>APPROVI</u>	ED CASIN	1	7.01			
Size of Hole	al Size	•				ar Used	Looth	Sacks Cemer
				ika jerene seke mende Kalijarene seke mende	1 (a) 10 (a)			
171/2"		3/8	48		NE		500	CITC.
* 12/4"	8	218,		32*	11		2500	cire.
77/8"	5	5 1/2"	14#	_	4*		5400	500
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Chacked for	shut off	e (AM) (PM) ·			Y		
Method used			المناسخة المقامل المنافعة المن		5 e d	oy		
Hemorks:								
				and a firm of the majority delay decembers.				
				Edward (1964) old file is the half of the state of the st			1	

Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies DISTRICT I P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Munerals and Natural Resources Department

Form C-105 Revised 1-1-	6) 5 1 m

OIL CONSERVATION DIVISION

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

30-015-25126	<u>(† r</u>
5. Indicate Type of Lease	,
STATE X	EE

DISTRICT II	NR# 00210	S	anta Fe, N	iew Mexico) 01 ⁴ 5	THE FINDS				STA	TE 🔀	FEE
P.O. Drawer DD, Artesia	, INM 0021U							6.	State Oil & Gas	Lease No	١,	
DISTRICT III		0				4 7 1	91	ļ		L-164		
1000 Rio Brazos Rd., Az							W.F. M.	777	77777777		777777	7///////
WELL C	OMPLETIC	N OR REC	OMPLETI	ION REPO	RT A	4D FOG		1//	Lease Name or	Mail Age	Mari Nari	
6.331.11				OTHER	(0.77	FRA CIPEN	CE	7.	Lease Name or	Omi Agie	ement man	
OIL WELL	GAS W	ELL L	JRY L	JIMER				1	Myrtle	Mvra		
b. Type of Completion:	X DEEPEN	PLUG BACK	DIF RES	TF SVR OTHER	,				11/1010			
· · · · · · · · · · · · · · · · · · ·	AV DEELEN	BACK		37K 01112	`_===			-	Well No.			
2. Name of Operator	Ray Wes	stall						0.	Well Ivo.	3		
						······································		9	Pool name or	Wildcat		
Address of Operator BO	(4, Lo	co HIlls	з ИМ	88255					La Hur)elawa	ire
4. Well Location												
I Init I atter	K . 19	980 Feet 1	From The	South		Line and	198	0	Feet From	n The	West	Line
Omi Lenei	·											ł
Section 9			-	S					M E		14. Elev. C	
10. Date Spudded	11. Date T.D.	Reached		npl. (Ready 10 I	rod.)	1		Dr &	RKB, RT, GR,	eic.j		
			5/20/	/91		32	232		D Tl-		3233 Cable Too	
ii Depth	16. Plu	g Back T.D.	17	7. If Multiple C Many Zones	Compl. H	low I	8. Interva Drilled	By B	Rotary Tools	l l	Cable 100	10
5350	ļ	4980							all			Mada
9. Producing Interval(s	, of this compl	etion - Top, Bo	ttom, Name						20.	Was Direc	ctional Sur	rey Made
49	72-4980	Dela	ware							no	<u>) </u>	
21. Type Electric and O	her Logs Run								22. Was Well	Cored		
21. Type Electric and Or	ner Logs Russ	Bond									no	
23.			ania ne	CORD (4 - 11 - 4 - 1 -	on not	in	, all)			
		<u>CA</u>		ECORD (I	Repor	t all sum	gs sei	III W	CII)	CORD	A NA	OUNT PULLED
CASING SIZE	WEIGI	IT LB/FT.	DEPTI	H SET		LE SIZE			ENTING RE			JUNI POLLED
13 3/8	48		455		_16			ira	rulated	650 7×	2	
8 5/8	24	& 32	2500		1(ira	rulated	7001	2	
5 1/2	1	5.5	5350			7 7/8	 t	ap_	cmt 240	00 500	787	
										WICE DE	CORD	
24.		LIN	ER RECOF	RD				<u> 25.</u>	TUE	SING RE		
SIZE	ТОР	BC	MOTTC	SACKS CEM	IENT	SCREE	N		SIZE		H SET	PACKER SET
								2	7/8	4950	<u> </u>	none
												TERRET ETC
26. Perforation red	ord (interva	d size and	number)						FRACTURE	E, CEME	NT, SQU	JEEZE, ETC.
						DEPTH	INTERV	AL_	AMOU	YT AND K	IND MAT	ERIAL USED
4972, 4	976, 49	80 San	d drill	led .50'	1	4972	4980)	750 9	gal 1:	5% SR	Δ
				PRODU	CTIC)N						
23. Date First Production		Product	ion Method (F	Flowing, gas lij	t, pumpi	ing - Size and	type pun	ψ)		Well S	itatus (Proc	i. or Shut-in)
5/25/9	1		pump								rod	
Date of Test	Hours Te	sted	Choke Size	Prod'n Fo	r	Oil - Bbl.	Ga	s - M	iCF V	Vater - Bbl		Gas - Oil Ratio
6/15/9	1		1	Test Perio	od	5	4	10	31	0	80	
	Casing P	mecure.	Calculated 24	- Oil - Bbl.		Gas - M	ICF	W	ater - Bbl.	Oil G	Gravity - Al	?I - (Corr.)
Flow Tubing Press.	Casing F	Losuit	Hour Rate			1					36	
	10.11								Test W	itnessed B	ly	
29. Disposition of Gas	<i>(Sold, used for</i> nted	r Juei, veniea. e	<i>)</i>						R. 1	Westa	11_	
												-
30. List Attachments	Ro	nd log										
Cm 31. I hereby certify	ţ		111-I	as of this form	n ic tru	e and comm	lete to th	e bes	t of my knowi	edge and	belief	
31. I hereby certify I	hat the infor	nationshown	on both side	es of this form	1 K) 1/ H	ட படி பொழி				-	•	//

Printed Para / HARRIS Title (-FOLOKIST Date 7/31/91

Submit 3 Copies to Appropriate District Office

State of New MEXICO Er y, Minerals and Natural Resources Departm

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION P.O. Box 2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

Santa Fe, New Mexico 87504-2088

WELL API NO.	$\mathcal{V} \mathcal{V}$
30-015-25126	
5. Indicate Type of Lease	CEE .

roim Ciw

Revised 1-1-89

STATELX

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410	TO SERVE	6. State Oil & Gas Lease No. L-1648
SUNDRY NOTICES AND REPORTS ON WE (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN DIFFERENT RESERVOIR. USE "APPLICATION FOR PE	OH PLUG BACK TO A	7. Lease Name or Unit Agreement Name
(FORM C-101) FOR SUCH PROPOSALS.)		- Myrtle Myra
I. Type of Well: OIL GAS WELL X WELL OTHER		
2. Name of Operator		8. Well No.
Ray Westall		3
3. Address of Operator		9. Pool name or Wildcat
Box 4, Loco Hills NM 88255		LaHuerta Delaware
4. Well Location Unit Letter K: 1980 Feet From The South	Line and 1980	Feel From The West Li:
9 Section Township E	tange 27 E	NMPM Eddy County
10. Elevation (Show whethe		V ////////////////////////////////////
11. Check Appropriate Box to Indicate	Nature of Notice, R	Report, or Other Data
NOTICE OF INTENTION TO:	SUE	SSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON CHANGE PLANS	COMMENCE DRILLIN	G OPNS. PLUG AND ABANDONMENT
PULL OR ALTER CASING	CASING TEST AND C	EMENT JOB
OTHER:	OTHER:Comp1	
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, work) SEE RULE 1103.	and give pertinent dates, incl	uding estimated date of starting any proposed
5/15/91 Cement squeeze perforations 48 cement squeeze perforations 38	303-4982 with 374-4012 with	200 sxs "C" neat 300 sxs "C" neat
5/17/91 Drill out cement		

I hereby certify that the information above to true and complete to the best of my knowledge	e md beid. Geologist mre	DATE
Randall I. Harris	505 677-2370	TELEPTIONE NO.
(This space for State Use) ORIGINAL SIGNED BY MIKE WILLIAMS SUPERVISOR, DISTRICT IT	. TITLE	AUG 1 6 199

5/20/91 Sand perforate at 4972, 4976, 4980

Acid with 750 gal 15% SRA Hang Well on pump

Santa re File BLM Land Office Submit 3 Copies B of M to Appropriate Operator District Office

State of New Mexico Form C-103 Energy, Minerals and Natural Resources Department Revised 1-1-89 OIL CONSERVATION DIVISION DISTRICT.1 P.O. Box 1980, Hobbs, NM 88240 WELL API NO. P.O. Box 2088とこでも同ED 30-015-25126 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 Santa Fe. New Mexico 87504-2088 5. Indicate Type of Lease STATE FEE [DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 6. State Oil & Gas Lease No. L-1648 SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) MYRTLE MYRA 1. Type of Well: OIL X OTHER 2. Name of Operator 8. Well No. RAY WESTALL V 9. Pool name or Wildcat 3. Address of Operator WILDCAT DELAWARE PO BOX 4 LOCO HILLS, NM 4. Well Location Line and $_1980$ 1980 Feet From The Feet From The Line Unit Letter _ EDDY 21S Range 27E County **NMPM** Township Section 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3232 GR Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data 11. SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: ALTERING CASING PLUG AND ABANDON REMEDIAL WORK PERFORM REMEDIAL WORK PLUG AND ABANDONMENT COMMENCE DRILLING OPNS. **CHANGE PLANS** TEMPORARILY ABANDON CASING TEST AND CEMENT JOB PULL OR ALTER CASING OTHER: PERF & FRAC 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.

01-15-90	LOGGED	CCL/CBL	2500-5000	PERFORATED	BULLET	GUN 14	HOLES	4918-4982	

01-12-90 CLEANED OUT TO 5000' CMT SQUEEZED EXISTING PERFORATIONS 4800-4960 w/300SXS

01-07-00 CLEANED OUT TO 2646 RAN 2646' 5 1/2" 14# CSNG WITH CASING PATCH

1 hereby certify that the information above is true and complete to the best of my knowledge Signature	PRODUCTION CLERK	DATE 02-12-90
TYPE OR PRINT NAME LINDA J. JAEGER	THIF	TELEPHIONE NO. 677-2370
(This space for State Use)	SUPERVISOR, DISTRICT IL	FEB 1 6 1990
Altroved By The State of State	TINE	DATE

01-02-90 RIG UP REVERSE UNIT

01-13-90 DRILLED OUT SQUEEZE

- 01-16-90 Acid with 1250 gal 15%SRA, AIR 3 BPMC 2250#, ISDP 1200#, FSDP 1000#. Acid job com. with old perfs to 4860'. Swab 5-10% oil.
- 01-17-90 150# on tubing F.L. 1700', first swab ran 800' free oil. 2380' Acid water + 10% oil.
- 01-18-90 Frac perfs w/38,000 gal 40# brine gel, 21,000 gal Co2, 80,000# 20/40 sd. AIR 18 BPM @3500# ISDP 1250# FSDP 1200#.
- 01-19-90 Flow well back.
- 01-20-90 Swab and Flow well 20% oil cut, 400 BBL load and recover.
- 01-22-90 Frac balls, plug off choke install ball catcher.
- 01-24-90 Made 4 swab runs, well kick off flowing, died in 4 hrs.
- 01-25-90 Install pumping unit.

Submit to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form	C	-10	1
Revis	ed	1-1	-89

State Lease — 6 copies Fee Lease — 5 copies	
DISTRICT I P.O. Box 1980, Hobbs, NM	8824

Fee Lease - 5 copies	OIL O	CONSERVATIO	N.DIVISION	API NO. Cassioner	015-25/26 d by OCD on New Wells)
DISTRICT I P.O. Box 1980, Hobbs, NM	88240	P.O. Box 020 8	87 100	30-015-25	
DISTRICT II P.O. Drawer DD, Artesia, N	S	anta Fe, New Mexico		5. Indicate Type	
DISTRICT III 1000 Rio Brazos Rd., Aziec	, NM 87410	.v.∳	The period	6. State Oil & G	as Lease No.
APPLICAT	ION FOR PERMIT T	O DRILL, DEEPEN, C	R PLUG BACK		
1a. Type of Work:				7. Lease Name o	or Unit Agreement Name
DRILL	RE-ENTER	X DEEPEN	PLUG BACK		
b. Type of Well: OIL GAS WELL X WELL	OTHER	SINGLE ZONE	MULTIFLE ZONE	Myrtle My	ra
2. Name of Operator				8. Well No.	
Ray Westall /				#3	
3. Address of Operator				9. Pool name or	Wildcat
	Hills, NM 88255			Wildcat D	elaware
4. Well Location	: 1980 Feet F		Line and 19	980 Feet From	n The West Li
Section	9 Towns	ship 21S Ra	nge 27E	NMPM Eddy	County
		10. Proposed Depth 5100		11. Formation Delaware	12. Rolary or C.T. Reverse
13. Elevations (Show whethe 3232 GR	er DF, RT, GR, etc.)	14. Kind & Status Plug. Bond Blanket	15. Drilling Contra N/A	actor 16.	Approx. Date Work will start 01-01-90
17.	PE	ROPOSED CASING A	ND CEMENT PRO	OGRAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT			EMENT EST. TOP
SIZE OF HOLE	SIZE OF CASING	WEIGHTENTOOT	0211110021	.,	
13 3/8" ca 8 5/8" ca 5 1/2" a We propose to a CMT squee	asing is set at asing is set at set to 5350' and re-enter to a Pl ze any open per:	2500' w/cir cmt d cut off at 2642 BTD of 4995' Run	' 5 1/2" casing		Form Re- Form Re- State CP#2 12-2 Re- Form Re- State Arms Dr 5 ATE: TO 0 P+H 6
				6-	180 DAYS
IN ABOVE SPACE DES ZONE, GIVE BLOWOUT PREV	CRIBE PROPOSED PROC ENTER PROGRAM, IF ANY.	JRAM: IF PROPOSAL IS TO DEEP	EN OR PLUG BACK, GIVE D	ATA ON PRESENT PRODUCT	TVE ZONE AND PROPOSED NEW PRODUC
I hereby certify that the infon		ete to the best of my knowledge ar		Clerk	DATE12/20/89
SIGNATURE CONTINUE L	inda J. Jaeger	regen	TILE		TELEPHONE NO. 677-23
(This space for State Use)	ORIGINAL SIGN MIRE WILLIAM	3			DEC 2 6 1
APPROVED BY	SUPERVISOF, (DISTRICTIY	TILE		DATE

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

WELL LOCATION AND ACREAGE DEDICATION PLAT All Distances must be from the outer boundaries of the section

DISTRICT III 000 Rio Brazos Rd., Aztec, NM 87410	WELL LOCATION All Distances must be				•		
Operator	All Distances inter-	Lease				Well No.	
		MYRTLE	MYRA			3	1
White Letter Section	Township	Range			County	,	
K 9	21 SoutH	27 EA	5T	NMPM	Foldy	,	
Actual Footage Location of Well:	1 21 3007 //			130,111,141	1 4 7 5 /		
	ath line and	1980		feet from	the WEST	line	
Ground level Elev. Producin	g Formation	Pool	- /			Dedicated Acreas	ge:
3232.4 Delava		Wildcat	Delawor	-		40	Астев
1. Outline the acreage dedicate	d to the subject well by colored	pencil or hachure mark	s on the plat bel	ow.			
	dicated to the well, outline each a						
	fferent ownership is dedicated to	the well, have the inte	rest of all owner	s been conso	lidated by com	munitization,	
unitization, force-pooling, et	C.?] No. If answer is "west"	type of consolidation					
Yes Yes] No If answer is "yes" rs and tract descriptions which h	we actually been cons	olidated. (Use n	everse side o	ſ		
this form if necrestary							
No allowable will be assigned	to the well until all interests hav	e been consolidated (b	y communitizati	on, unitizatio	n, forced-poolir	ng, or otherwise)	
or until a non-standard unit, el	iminating such interest, has been	approved by the Divil	WIL.				
						FOR CERTIFIC	
		į.			I hereby	certify that th	e information
		ļ			contained here	ein in true and co	omplete to the
				1 1	best of my lotor	vledge and belief.	
		!			Signature //	//	
] 1		ļ			In Sell	M	
		1,			Printed Name	7	
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 		T			<i>KANDA C</i> Position	C C. / + MAR	<u> </u>
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		i			Company	. 131	
<u> </u>		į				ESTACL	
		i			Date /	2//	
		ì			12/4	/89	
					SURVE	YOR CERTIF	ICATION
1///		ì			I harahu cari	tify that the well	location show
<u> </u>	7	I.		Ì	on this plat	was plotted from	field notes o
Y Y	7	i 1		İ	actual surve	ys made by me	or under m
1980	70	ļ			supervison,	and that the san	ne is true an
11	A 1	ļ			1	the best of my	KALIWIEUge un
	1 1	ļ			belief.		
		ļ		1	Date Surveye	ed	
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0 330 660 990 1320 16	50 1980 2310 2640	2000 1500	1000 3	U	1		

NO. OF COPIES RECEIVED		•	•
DISTRIBUTION	1	RECEIVED 61	Form C-103 Supersedes Old
SANTAFE	NEW MEXICO OIL CONSER	RECEIVED DI	C-102 and C-103
FILE V		JUN 051985	Effective 1-1-65
U.S.G.S.		THM OF 1200	5a. indicate Type of Lease
LAND OFFICE OPERATOR		O, C, D.	State X Fee
OFERATOR V		ARTESIA OFFICE	5. State Cr. 6 Gas Lease No. L-1648
SUNDRY NO	TICES AND REPORTS ON WE	LLS	111111111111111111111111111111111111111
UST "APPLICATION FO	S TO BRILL OR TO DEEPEN OR PLUG BACK B PERMIT - " (FORM C-131) FOR SUCH PR	TO A DIFFERENT RESERVOIR. OPDS ALS.)	
OIL GAS WELL OT	Dry Hole		7. Unit Agreement Name
Cities Service Oil and Gas	Corporation		8. Farm of Lease Name State CP
P.O. Box 1919 - Midland, T	evac 70702		9. Well No.
. Location of Well			2
UNIT LETTER K 1980	FEET FROM THE SOUTH	INE AND FEET FRO	Undsig. Bone Springs
THE West LINE, SECTION_	9 TOWNSHIP 21S	27E	
	15. Elevation (Show whether DF, 3232 GR	RT, GR, etc.)	12. County Eddy
6. Check Appro	opriate Box To Indicate Natu	to of Votice Dans O	
NOTICE OF INTEN	TION TO:		TREPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON RE	MEDIAL WORK	ALTERING CASING
PULL OR ALTER CASING	; ¬	MMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
The on Allen Casino	CHANGE PLANS CA	other Well completion	on data V47
OTHER		OTHER Well completion	m data \
17. Describe Proposed or Completed Operation work) SEE RULE 1103.	is (Clearly state all pertinent details,	and give pertinent dates, including	g estimated date of starting any propose
T.D. 5350' lime & Shale !	Dlugged and abandoned	MIDH a secondary	
T.D. 5350' Lime & Shale. For a ted the Bone Springs w/3	P SPF 6 5250 50 62 6	MIRU a completion un	it and CO to 5302'. Per
orated the Bone Springs w/2 (0.50" dia & 14 86" pen)	RIH $w/2-7/8"$ tubing and	F, 00, 09, /4, /6 and	52//'. lotal 18 holes
(0.50" dia & 14.86" pen).	CE Acidized Pena Crusing	la KIIS and Set KIIS	@ 51/3'. 14 hr. SITP 3
Swabbed -0- BO + 5 BLW/8 hr	May proce 5200#	igs Perts 5258 - 52//	'w/2000 gals 15% NeFe F
acid w/1000 SCF of N2/bb1.	Max press 5200#, min p	oress 2100#, ATP 2300	#, AIR 6.1 BPM, ISIP 230
13 mm 31 2100#. 43 Mr. 3	NIP 8/5#. Bled Well do	wn to nit in 11/2 h	MC . Elaward A DA 1 19
DEN/ 1-1/2 11/3. 1 GR 11 MCFE) UNITUL L'' CNOKE. ELP 2#	PHOH W/tubing and	DTTC co+ 0 [172] Co+ o
orbi e sero . Ferroraten i	THE BODE SOPINGS W/2 SVI	- 31 50152 65 77 01	E100 00 40 E0 E0 E
63, 68, 70, 76, 81 and 5184 a RTTS and set RTTS @ 4941'	l'. Total 32 holes (0.5	0" dia & 14.86" pen)	. RIH w/2-7/8" tubing a
a RIIS and set RTTS @ 4941'	. Swabbed $-0-B0+6E$	LW/3 hrs. POOH w/tu	bing and RTTS set 0 4941
man water and a partial and a	iker luk sel nacker and	SOT DACKOR (d./IO/III	Acidiacd Done Court
1 51 13 3032 - 3104 W/3500 0	1d (S /-1/2% NAFA H() W/1	DOD SCE NA/BBI May	DMCCC 2000#
2800#, ATP 3350#, AIR 5 BPN and flowed 25 BLW/3 bps + b	1. ISIP 2800# 5 min SIE	2500# 15 min CID 2	press 3000#, min press
and flowed 25 BLW/3 hrs. th	13 13 1 1 choke and died	2500#, 15 HITH 51P 2	oud#. Upened well to pi
I hr and died Swabbod Tr	of 1 + 6 PLM/F bus	14 nr. SIIP 450#.	Flowed well to pit for
1 hr. and died. Swabbed Tr	$\frac{1}{2}$ $\frac{1}$	owered packer to 510	6'. Acidized Bone Sprin
10113 3133 - 3104 W/2300 d	dis /-1//% Nere acid	May hrace ///////# min	DMACC 1200# ATD 2000#
7121 0.5 DIM, 1311 1000#, 5	11111 312 1300#, 10 MJn S	IP 1400#. 15 min SIP	1390# 1/1 hr SITD 390
Swabbed Tr. oil + 6 BLW/4 h	rs. and burning a $2 ext{ }'$ fl	are. (CONTINUED ON D	REVERSE SIDE)
£ hereby certify that the information above	is true and complete to the best of my	knowledge and belief.	
B. A.			•
IGNED Many L. Lumina.	TITLE Region	Petroleum Engineer	6-03-85
Dr. R.		• • • • • • • • • • • • • • • • • • • •	A
PAROVED BY BOUNDS OF ADDROVED BY	ofes me Geole	gist	DATE 9-4-8-0-2
ONDITIONS OF APPROVAL OF ANY:	ofes Time Grote	gist	Post 1 85
ONDITIONS OF APPROVAL OF ANY:	ofes THE GROLE	Sist	Post 4-85 6-14-85
ONDITIONS OF APPROVAL OF ANY:	ofes me Geole	gist	Post 10-2 Post 14-85 6-14-85 P+ H

Spotted a 12 sack (100") cement plug @ 505 - 405', 1/2 in and 1/2 out of the Capitan Reef. POOH to 505'. 2boffed a 12 sack (100') cement plug @ 910 - 810', across the top of the .ε RIH w/OE'd tubing and tagged cement plug @ 2285'. POOH to 910'. ٠2 spotted a 75 sack cement plug @ 2698 - 2400'. POOH w/tubing. RIH w/OE'd tubing to 2698' (56' inside of the 5-1/2" casing stub @ 2642') and ing manner: casing @ 2642' and POOH and laid down casing. This well was plugged and abandoned in the followated hole w/mud laden fluid. POOH w/tubing. Ran in hole w/casing cutter and cut off 5-1/2" @ 3800' and dumped 35' of cement on top for a new PBTD of 3765'. RIH w/OE'd tubing and circulput well on the pump. Pumped -0- BO + 141 BW/24 hrs. POOH w/tubing, rods and BHP. Set a CIBP POOH w/tubing and RITS set @ 3790'. RIH w/tubing and set tubing @ 3838'. Ran rods and BHP and ISIP 900#, 5 min SIP 850#, 15 min SIP 800#. 14 hr. SITP 75#. Swabbed -0- BO + 90 BLW/2 hrs. 20/40 sand and 16,650# 12/20# sand. Max press 3600#, min press 3000#, ATP 3300#, AIR 20 BPM, ATP 2200#, AIR 6.5 BPM, ISIP 750#, 5 min SIP 730#, 15 min SIP 700#. 14 hr. SITP 125#. Swabbed 1 BO + 21 BLW/10 hrs. Fraced Delaware Perfs 3874 - 4012' w/29,310 gals Mini-Max III-30 + 45,100# ized Delaware Perfs 3874 - 4012' w/5000 gals 7-1/2% HCL acid. Max press 3/00#, min press 1/00#, Total 84 holes (0.49" dia & 11.87" pen). Swabbed -0- BO + 20 BLW/1 hr. 14 hr. SITP O#. Acid-@ 3874, 75, 76, 77, 3906, 08, 09, 64, 56, 57, 60, 61, 68, 69, 70, 73, 96, 97, 4001, 10 and 40121. Set a CIBP @ 4750' Tested CIBP and casing to 1000#-OK. Perforated the Delaware w/4 SPP l5 min SIP 800#. 14 hr. SITP O#. Swabbed Tr. oil + 98 BW/7 hrs. POOH w/tubing and RIIS set كا and 20,000# 12/20 sand. Max press 3800#, min press 2750#, ATP 3200#, ISIP 900#, 5 min SIP 800#, Delaware Perfs 4805 - 4966' w/24,750 gals Mini-Max III-30 + 45 tons CO2 + 51,500# 20/40 sand 10 min SIP 1800#, 15 min SIP 1800#. 14 hr. SITP 175#. Swabbed 1 BO + 13 BLW/9 hrs. Fraced N2/bbi. Max press 3850#, min press 2500#, ATP 2850#, AIR 7.6 BPM, ISIP 2000#, 5 min SIP 1850#, Swabbed dry. Acidized Delaware Perfs 4805 - 4966' w/3800 gals 7-1/2% HCL acid + 1000 SCF of Total 76 holes (0.49" dia & 12.6" pen). RIH w/2-7/8" tubing and RITS and set RITS @ 4717'. M/d SbF @ 4805, 06, 07, 13, 14, 21, 24, 61, 62, 64, 67, 74, 78, 4909, 10, 63, 64, 65 and 4966'. a CIBP @ 5025' and dumped 35' on cement on top for a new PBTD of 4990'. Perforated the Delaware and BHP and put well on pump. Pumped 2 BO + 36 BW/24 hrs. POOH w/tubing, rods and BHP. Set hrs. POOH w/tubing and RTTS set @ 4971'. RIH w/2-7/8" tubing and set tubing @ 5219'. Ran rods SIP 1100#, 10 min SIP 1030#, 15 min SIP 1000#. 14 hr. SITP 350#. Swabbed Tr. oil + 51 BLW/10 8,000,8 IZ/20 sand. Max press 4350#, min press 3450#, AIR 3550#, AIR 18.5 BPM, ISIP 1350#, 5 min Springs Perfs 5052 - 5184' and 5258 - 5277' w/16,000 gals YECO2(65-35) + 24,000# 20/40 sand + 5302'. POOH w/tubing and RB. RIH w/2-7/8" tubing and a RIIS and set RIIS @ 4971'. tubing, rods and BHP. RIH w/RB on 2-7/8" tubing and drilled out the CIBP set @ 5240' and CO to Ran rods and BHP and put well on the pump. Pumped 3 BO + 13 BW/24 hrs. POOH W/ ed 3 BO + 18 BW/9 hrs. POOH w/tubing and packer set 0 4941'. RIH w/2-7/8" tubing and set tubmin press 3600#, ATP 3900#, AIR 20 BPM, ISIP 2800#, 15 min SIP 2520#. 14 hr. SITP 250#. Swabbw/34,850 gals 75 Quality SF530 foam + 21,000# 20/40 sand + 710630 SCF of N2. Max press 5500#, Released packer set @ 5106' and reset packer @ 4941'. Fraced Bone Springs Perfs 5052 - 5184'

ND BOP and cut off WH. RIH w/l jt. of tubing and spotted a 10 sack cement surface plug θ 30 - 0'. Installed a 4" dry hole marker to designated a plugged and

abandoned location.

13-3/8" casing shoe @ 455'. POOH w/tubing.

٠,

AFFIDAVIT

State of	Texas	Cities S	ervice Oil and Gas (Corporation
County of _	Midland	Lease Name	State CP	Well #2
		In Sec. 9	Twp. 21S Rge.	
		County of	Eddy	
		State	New Mexico	
Gary Tim	mermann	of lawful ag	ge being first duly	sworn deposes and
says:				

That he supervises development and operation of the captioned lease and is duly qualified and authorized to make this affidavit and is fully acquainted with all facts herein set out concerning Deviation and Directional drilling.

<u>Degrees</u> <u>Depth</u>	Degrees	Depth	Degrees	Depth
0.50 250	1.25	2808		
0.25 466	1.50	2902		
0.25 505	1.00	3092		
1.00 659	1.00	3249		
1.00 908	1.00	3605		
2.00 1157	0.50	3668		
2.25 1220	0.75	3 720		
2.00 1285	0.75	3974		
2.00 1346	1.00	4200		
2.00 1436	0.75	4347		
2.25 1531	0.75	4446		
1.75 1626	0.75	4670		
1.75 1718	0.75	4859		
1. 75 1813	1.00	5256		
1.75 1911	0.50	5350		
1.25 2005	0.00	3330		
0.75 2097	T.D. 535	٥١		
0.75 2192	1.5. 333	O		
1.00 2317				
1.00 2411				
1.25 2500				
0.75 2619				

Further affiant saith not.

NY PUD		Day ([Jemmen	<u></u>
Subscribed and sworn to	before me this	4th day of	une	, 19 85
*Ny Commission Expires	12-05-88	Latric	2 Vidual	Notary Public
2. 1/2 15	Midland	County, Texas	- Action	,=

NO. OF COPICS RECEIVED	_
DISTRIBUTION DEC (VET)	Form C-103 Supersedes Old
SANTA FE RECINED TO NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
	2.102.1146 1-1-63
U.S.G.S. JAN 11	5a. Indicate Type of Lease
OPERATOR C.C.	State X Fee
ARTONA OF THE PROPERTY OF THE	5. State Cr. 6 Gas Lease No. L-1648
SUNDRY NOTICES AND REPORTS ON WELLS	777777777777777777777777777777777777777
UST "APPLICATION FOR PLEAMIT "" (FORM C-101) FOR SUCH PROPOSALS.)	
OIL CAS X	7. Unit Agreement Name
2. Name of Operator	B. Farm or Lease Name
Cities Service Oil and Gas Corporation	State CP Com
P.O. Box 1919 - Midland, Texas 79702	9. Well No.
4 Location of Well	2
UNIT LETTER K 1980 FEET FROM THE SOUTH LINE AND FEET FROM	Undesig. Bone Springs
THE West LINE, SECTION 9 TOWNSHIP 21S RANGE 27E	All IIIIIIIII
TOWNSHIP RANGE NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
16. 3232' GR	Eddy
Check Appropriate Box To Indicate Nature of Notice, Report or Oth	ier Data
NOTICE OF INTENTION TO: SUBSEQUENT	REPORT OF:
PERFORM REMEDIAL WORK	<u></u>
TEMPORARILY ARANDON REMEDIAL WORK	ALTERING CASING
PULL OR ALTER CASING CHANGE PLANS CASING TEST AND CEMENT JQ8 X	PLUG AND ABANDONMENT
OTHER	
OTHER	
17. Describe Proposed or Completed Operations (Clearly state al. pertinent details, and give pertinent dates, including work) SEE RULE 1103.	
work) SEE RULE 1103.	estimated date of starting any proposed
T.D. 5350' Lime & Shale. Waiting on completion unit. Drilled a 7-7/8 T.D. of 5350' in Lime & Shale. Ran and set 125 Jts (5339.00') 5-1/2" (cemented w/300 sacks of Class C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/300 sacks of C. w/5# and cemented w/	ND 14# 0 50501 1 1
of Class C w/5# salt and 0.3 of 1% Halad 4/sack cement. Plug down @ 19 did not circulate to the surface. Bumped float w/1400# - OK. PU BOP, ND BOP. Ran temp. survey. TOC @ 2850.	30 MST on 1-08-85. Cemer
ND BOP. Ran temp. survey. TOC @ 2850'.	SPT Slins III casing and
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	Jee Stips, 60 casting and
	t to casting and
16. I nereoy certify that the information above is true and complete to the best of my knowledge and belief.	
	, nate 1-10-85
16. I nereoy certify that the information above is true and complete to the best of my knowledge and belief.	1-10-85
16.1 nereov certify that the information above is true and complete to the best of my knowledge and belief. Store Region Opr. Mgr Prod.	

NO. OF COPIES MECEIVE	.D			4 194	gen, scyffpilleladau (id), 10				Form C Revise	:-105 ed 11-1-76
DISTRIBUTION SANTA FE				1	RECE					e Type of Lease
FILE		NEW?	MEXICO (oir doi	SERVATIO	N CO	MMISSION		State	 `
U.S.G.S.	_ <u> </u>	ELL COMPLE	ETION O	RREC	OMPHATIC	914 H	PORT AN	D LOG	} ~	l & Gas Lease No.
LAND OFFICE				a defection			1		L-1648	8
OPERATOR				1		C. D			17777	mmmmi
	BOTM				ARTES	IA, ⊖F	FICE			
ld. TYPE OF WELL					* B				7, Unit Aqi	reement Name
	OIL WELL	GAS WELL		DRY X	OTHER					
b. TYPE OF COMPLE	TION				O, men				· ·	Lease Name
NEW X WOR	R DEEPER	PLUG BACK	DI	FF, SVR.	OTHER				State	
2. Name of Operator		0 0							9. Well No.	•
Cities Servio	e vii and t	aas corpora	tion v	. · · · · · · · · · · · · · · · · · · ·					2	
P.O. Box 1919) - Midland	Toyas 70	702						-	and Poel, or Wildcat
4. Location of Well	- marana	, 16/43 / 7	702						011aes	ig. Bone Springs
4, Eccation of Well										
UNIT LETTER K		1980		South	1		1980			
UNIT LETTER	LOCATED	FEET FI	ROM THE		LINE AND	$\overline{r}r\hat{r}$	TITITI	T FROM	12. County	<i></i>
THE West LINE OF	sec. 9	NP. 21S	_ 27E	N: 84 O 8 1					Eddy	
15. Date Spudded	16. Date T.D. Re	eached 17. Date	Comp1. (R)	eady to F	rod.) 18.	Elevat	ions (DF, RK	B, RT, G	R, etc.) 19.	Elev. Cashinghead
12-15-84	1-07-85	Plug	ged <mark>an</mark> c	i aban	doned	3232	2'GR			
20. Total Depth	J. Pluc	j lrack T.⊃.	22.	If Multipl Many	e Compl., Ho	ow	23. Intervals	, Hotar	y Tools	, Cable Tools
5350'				···			>	[]0 -	T.D. 53	50',
24. Producing Interval(s), of this completi	ior. – Top, Bottom	, Name							25. Was Directional Surve
OC The Classic and C	A									No
26. Type Electric and C CNL-LDT-NGT-C		SEL_Call D	oviatio	מווס ממ	WOV.				27. \	Was Well Cored NO
	Tari, DEL 110									
28. CASING SIZE	WEIGHT LB.				ort all string	s set i				
13-3/8"	48#		5'	17-1/	ESIZE	650	CEMENTI			i-mix Circulated
8-5/8"	24 & 32#	250	0'	12-1/) sacks t	<u> </u>	us. Reu	Circulated
5-1/2"	14#	5350		7-7/) sacks			2642'
					<u> </u>		3 3 4 5 1 5			2012
29.	LI	NER RECORD					30.	Т	UBING REC	ORD .
SIZE	TOP	воттом	SACKS C	EMENT	SCREEN		SIZE	DE	PTH SET	PACKER SET
	<u>.</u> j	7-7-7-								
31, Perforation Record (Interval, size and	number)			32.	ACID	, SHOT, FRAC	CTURE,	CEMENT SC	UEEZE, ETC.
					DEPTH	INTE	RVAL	AMOL	NT AND KI	ND MATERIAL USED
										·
33.				PPOD	L L L L L L L L L L L L L L L L L L L					
Date First Production	Froduc	tion Method (Flou	The gas l			nd type	pump)		Well Statu	as (Prod. or Shut-in)
		igged and al					,			(
Date of Test	Hours Tastei	Choke Size	rod'n.	i 'or	Cil - Bbl.	. (Gas - MCF	Wate	r - Bbl.	Gas - Oil Ratio
			.ent Pe							
Flow Tubing Press.	Casing Fressure	Caimilated 24 Hour state	-[: .I B:	LI.	Gas - 1	MCF	Water	- Bbl.	Oil	Gravity - API (Corr.),
34. Disposition of Gas (Sold, used for fue-	l, vented, etc.)						Test	Witnessed E	Зу
26 1 100 1 200										
35. List of Attachments	logo Lo									
Above listed 36. I hereby certify that	the information	eviation Sui	rvey					7		,
Jo, I hereby certify that	ine injormation st	ioan on both stde.	z oj tuts jo	em is tru	e and comple	re to ti	ne vest of my	Knowledj	te and belief	J.
A.	PA.			Do	aion Do+	- 201	Г∽~≛	0012	c	N2 0E
SIGNED Jan	y land	in the same	TIT	LE KE	grun ret	1016	um Engin	eer	DATE D	-03-85
	U									

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or despended well. It shall be accompanied by one copy of all electrical and ratio-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 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except on state land, where six copies are required. See Bule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

		Sou	theastern	New Mexico					Northy	vestem N	ем Менсо	
T. Anh	у		Т.	Canyon		_ т	Ojo .	Alamo		т	Penn. "B"	
T. Salt			T.	Strawn	·	_ T.	Kirtl	and-Fruit	tland	Т	Penn. "C" _	
B. Salt			T.	Atoka		т	Pich	read Cliff	r _c	T	Danie (ID)	
T. Yate	es	555.	T.	Miss		T.	Cliff	House _		Т	Leadville _	
T. 7 Ri	vers		T.	Devonian		_ T.	Mene	fee		Т	Madison	
T. Que	en		T.	Silurian		т.	Poin	t Lookou	t	T.	Elbert	
T. Gray	yburg		T`.	Montoya	·· ··	_ T.	Manc	os		Т	McCracken	
T. San	Andres		T.	Simpson		_ T.	Galle	ıp qı		Т	Ignacio Otzte	
T. Glor	ieta		Т.	McKee		Bas	se Gre	enhorn _		т	Granite	
T. Pad	dock		Т.	Ellenburger		- T.	Dako	ta		Т.		
T. Blin	ebry		Т.	Gr. Wash		- T.	Morri	son		Т.		
T. Tub	b		Т.	Granite	00001	т.	Todi	lto		Т.		
T. Drin	ikard		Т.	Delaware Sand	<u> 2602'</u>	_ T.	Entra	ada		T.		
T. Abo		·	Т.	Bone Springs	5054	- T.	Wing	ate		Т.		
T. Wolf	camp		T.	<u>Lapitan</u>	860'	т.	Chin	le		Т.		
T. Pen:	n		Т.			_ T.	Perm	i an		Т.		
T Cisco	o (Bough (C)	т.			- T.	Penn	. ''A'' <u> </u>		T.		
					L OR GAS							
No. 1, fro	m	•••••		to	••••	No	. 4, fr	om	**************		to	
											to	
No. 3, fro	m	•••••••		to		No	6 f~				to	
					****************	210.	0, 110	J111	***************	••••••••	0	
110 00	KES UK	DST'S W	EKE TAI	<u>KEN</u>	IMPORTAN	T W	ATER	SAND	\$			
Include d	212 OR 101	a of	: 0 1	d elevation to whic				. 5/11/6.	,			
No. 1, fro	m		**************	to	• · • • • • • • • • • • • • • • • • • •			**	fcet.	**********		
				to								
140. 4, 110	ın	*******		to		•	•••••		fcct.	************		*********
			F(ORMATION RECO	RD (Attach	addi	tional	sheets i	fnecessa	ry)		
From	То	Thickness in Feet		Formation		F	rom	То	Thickness		Formation	
						 		<u> </u>	in Feet		T OTHER TON	
0	505	505		ce Rock & Red	d Beds							
505	628	123	Anhydr									
628	997	369		& Dolomite								
997	1813	816	Dolomi									
1813	2161	348	Sand 8	Dolomite								
2161	2500	339		te & Sand								
2500	2619	119	Lime									
2619 3029	3029	410	Sand 8	Dolomite								
3561	3561	532	Sand,	Lime & Shale	j							
4039	4039	478		Shale								
4442	4442	403		Shale & Lime	:			1				
	4859	417		Shale				ĺ				
4859 5040	5040	181		& Sand]			
5040	5350	310	Lime &	Shale								
			T.D. 5	350'	i							
	1	, !			1	i		ł	1 1	1		

From Larry Brooks Geologist

GIVEN 1338 @ 455 CIRC. 8 1/3 @ 2505 CIRC. 51/3 €5350 DC 2850 BS. 60 5052 Del 6 2600 Pap @ 860 \$ 60 555 Perfs 5052-5184 (137@ 5025) fleefo 4803-4-66 CIBP @ 0750
3874-4012 CIBP 23670
W/3/-MT (3855) TOP = 2 CMT.

need: 50' plug in & out extoff & Del Am 26:50 plug in a Run plug from

@ 2650 - 2450 & tag combines shoe & stub in one 201

- Set 100 play solin/out capitan (910-810)
- Set 150 5 9 9 10/cot Sur @ 455. Set plug from Oil Conservation Division Artesia, New Mexico 88210

Run ITH & CIPC ENSTALL DHM

DISTRIBUTION	
	Form C-103 Supersedes Old
SANTA FE RECEIVE BY NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103
FILE FILE	Effective 1-1-65
u.s.g.s. JAN 4 185	Sa. Indicate Type of Lease
LAND OFFICE	State X Fee
OPERATOR O. C	5. State Ch. 6 Gas Lease No.
ARTESIA CAFICE	L-1648
SUNDRY NOTICES AND REPORTS ON WELLS 100 HOT USE THIS FORM FOR PADPOSALS TO DRILL OR TO DELPEN OR PLLE BACK TO A DIFFERENT RESERVOIR. 11 USE "APPLICATION FOR PERMIT -" IFORM CHICAL FOR SUCH PROPOSALS.)	
OIL GAS X OTHER.	7. Unit Agreement Name
Cities Service Oil and Gas Corporation	B. Farm or Lease Name State CP Com
3. Address of Operator	9. Well No.
P.O. Box 1919 - Midland, Texas 79702	2
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER K 1980 FEET FROM THE SOUTH LINE AND THE FEET FROM	Undesig. Bone Springs
THE West LINE, SECTION 9 TOWNSHIP 218 RANGE 27E NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
3232' GR	Eddy ())
Check Appropriate Box To Indicate Nature of Notice, Report or Oth NOTICE OF INTENTION TO: SUBSEQUENT	er Data REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
PULL OR ALTER CASING	PLUG AND ABANDONMENT
CHANGE PLANS CASING TEST AND CEMENT JOB [X]	
OTHER	
17. Describe Proposed of Completed Operations (Clearly state all pertinent details, and give pertinent dates, including work) SEE RULE 1103.	stimated date of starting any proposed
T.D. 2500' Dolomite & Sand. Prep to drill ahead. Drilled a 12-1/2" ho of 2500' in Dolomite & Sand. Ran and set 54 Jts (2146.18') 8-5/8" OD 248-5/8" OD 32# casing @ 2500' and cemented w/500 sacks of TLW w/4% Gel, selected to the sack of TLW w/4% Gel, selected t	le from 505' to a T.D. 1# and 8 Jts (342.82')
circulated to the surface. WOC 18 hrs. Tested 8-5/8" OD casing to 1500	151 on 12-28-84. Cement 0# for 30 min - OK.
circulated to the surface. WOC 18 hrs. Tested 8-5/8" OD casing to 1500	151 on 12-28-84. Cement O# for 30 min - OK.
circulated to the surface. WOC 18 hrs. Tested 8-5/8" OD casing to 1500	151 on 12-28-84. Cement)# for 30 min - OK.
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arrounded to the surface. Wot to hirs. Tested 8-5/8" OD casing to 1500	151 on 12-28-84. Cement O# for 30 min - OK.
Circulated to the surface. WOC 18 hrs. Tested 8-5/8" OD casing to 1500	151 on 12-28-84. Cement 0# for 30 min - OK.
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.	0# for 30 min - OK.
arrounded to the surface. Wot to hirs. Tested 8-5/8" OD casing to 1500	151 on 12-28-84. Cement 0# for 30 min - OK.
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief. Signed Lines Starts Signed Reg. Opr. Mgr Prod.)# for 30 min - OK.
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.	0# for 30 min - OK.