NO. OF COPIES PECCEIVES				Form C-103 Supersedes Old
рістяівит іси				C-102 and C-103
SANTA FE	NEW MEXIC	O OIL CONSERVATION	DIT COMMISSION	Effective 1-1-65
rice				5a, Indicate Type of Leave
U.5.G.S.				Stote X
LAND OFFICE				5, State OH & Gas Leave No.
CLUMATON			and the property with the second	NML-3881
IDO NOT USE THIS FORM !!	NORY NOTICES AND REGISTER FOR	PORTS ON WELLS	IFFENCHT RESERVOIR. IS.)	7. Unit Agreement Same
O'L CAS WILL X	отнія-			8. Farm of Leade Name
Southland Royalty	Company			State "AR"
4. Attress of Operator		70701		9. Well No.
1100 Wall Towers V	Vest, Midland, T.	X 79701		10. Field and Pool, or Valdeet
C USIT LETTER	990	north LINE AL	1980 FEET FO	Antelope Ridge (Morrow)
west	35	23-S RAK	34-E	
THE LINE, 5				12. County
	15. Elevation 3	(Show whether DF, RT, C	R, etc.)	Lea
	ck Appropriate Box To	Indicate Nature of	Notice, Report or	Other Data
NOTICE O	F INTENTION TO:		SUBSEQUE	NT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND	ABANDON REMEDIA	L WORK	ALTERING CASINE PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE P		EST AND CEMENT JOS	·
	E	1		L
	f operator	[X]		
17. Describe Proposed of Complete work) SEE RULE 1103.	ed Operations (Clearly state al	Il pertinent details, and g	ive pertinent dates, includ	ing estimated date of starting any propose.
Change of operato		1 & Gas Compa	ny to Southlan	d Royalty Company
Southland Royalty Conservation Com	y Company has bl mission.	anket bond on	file with New	Mexico Oil
Address of both	Aztec Oil & Gas	Company and So	outhland Royal	ty Company:
		l Towers West Texas 79701	Building	
•	•			
•				
		•		
18, I hereby certify that the informa-	ation above is true and comple	te to the best of my know	ledge and belief.	
C. Harney	Can	Dist	rict Engineer	DATE 12-28-77
FIGHTO C. MANNEY				tud an territor americano qual a con la celebrata del predicto de l'estate la constante de l'estate la constant
	Mg Squad by	•		DEC
	ary Sexon	TITLE		
CORDITIONS OF APPROVAL, 19	YNA! W Samiaa			

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SANTA FE			
FILE			
U.\$.G.S.			
LAND OFFICE			
IRANSPORTER			
TRANSI ORTER			
OPERATOR			
		II	

NEW MEXICO OIL CONSERVATION COMMISSION REQUEST FOR ALLOWABLE AND

Form C-104 Supersedes Old C-104 and C-110 Effective 1-1-65

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

	IRANSPORTER OIL GAS OPERATOR					
1.	Operator Andrew Oil & Company - G/o Southland Boyalty Company					
	Aztec Oil & Gas Company - c/o Southland Royalty Company Address					
	1100 Wall Towers West, Midland, Texas 79701 Reason(s) for filing (Check proper box) Other (Please explain)					
	New Well	Change in Transporter of:	i	for sell of test		
	Recompletion Change in Ownership	Oil Dry Gas Casinghead Gas Conden		504), approximately		
	If change of ownership give name					
	and address of previous owner					
II.	DESCRIPTION OF WELL AND I	Well No. Pool Name, Including Fo	ormation Kind of Lease	Lease No.		
	State "AR"	l Antelope Ridge	(Morrow) State, Federa	or Fee State NM-3881		
	Location Unit Letter C ; 99	O Feet From The north Line	ne and 1980 Feet From	The West		
			34-E , NMPM, Le	ea County		
•••	DECION ATION OF TRANSPORT	TER OF OIL AND NATURAL GA	18			
111.	DESIGNATION OF TRANSPORT Name of Authorized Transporter of Oil	or Condensate	Address (Give address to which approx	·		
	The Permian Corpor	ation	P.O. Box 1183, Hous	uston, TX 77001 proved copy of this form is to be sent)		
			Wh			
	If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. P.ge.	Is gas actually connected? Wh	When		
	If this production is commingled wit		give commingling order number:			
IV.	Designate Type of Completion	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Resty. Diff. Resty.		
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.		
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth		
	Lievations (DI , RRB, RI , GR, Etc.)			Do-sh Caring Shop		
	Perforations		_	Depth Casing Shoe		
			D CEMENTING RECORD	2.242.254545		
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT		
v.	TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be a	ifter recovery of total volume of load oil epth or be for full 24 hours)	and must be equal to or exceed top allow-		
	OIL WELL Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas li	ft, etc.)		
	Length of Test	Tubing Pressure	Casing Pressure	Choke Size		
_			Water - Bbis.	Ggs • MCF		
	Actual Prod. During Test	Oil-Bbls.	Adiat - Date.			
	GAS WELL					
	Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate		
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size		
VI	CERTIFICATE OF COMPLIAN	CE .	OIL,CONSERV	ATION COMMISSION		
¥ 1.	I hereby certify that the rules and regulations of the Oil Conservation		OIL, CONSERVATION COMMISSION APPROVED			
above is true and complete to the best of my knowledge and belief.			TITLE			
			This form is to be filed in	compliance with RULE 1104.		
Circlei E. Task			This form is to be filed in compliance with RULE 1104. If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation			
	Administrative Ass	2.2.3,	well, this form must be accompanied by a tablisation of the tests taken on the well in accordance with MULE 111. All sections of this form must be filled out completely for allow-			
	(Ti	tle)	able on new and recompleted wells.			
October 12, 1977 (Dute)			well name or number, or transporter, or other such change of condition. Sagneta Forms C-104 must be filed for each pool in multiply			

NO. OF COPIES RECEIVED DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE OPERATOR (DO NOT USE THIS FORM FORM FORM FORM FORM FORM FORM FORM	JNDRY NOTICES AND FOR PROPOSALS TO DRILL OR 1 PLICATION FOR PERMIT - (F	EXICO OIL CONSERVATION OF THE PROPOSA		Form C-103 Supersedes C-102 and C Effective 1- 5a. Indicate Tyr State 5. State Oil & C NML-388 7. Unit Agreeme 9. Farm or Leas State 9. Well No.	C-103 1-65 pe of Lease Fee Gas Lease No. B1 Dent Name se Name
c/o Southland Royal	lty Co., 1100 Wal	Ll Towers West, Mi	dland, TX 79701	10. Field and P	o al a Willer
UNIT LETTER	990 FEET FROM	m THE LINE A	1980 FEET FR		idge-Morrow
THE West LINE,		TOWNSHIP 23-S			
	15. Elevo	stion (Show whether DF, RT, 6	GR, etc.)	12. County Lea	
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER	CHAI	NGE PLANS CASING TO	CE DRILLING OPNS. "EST AND CEMENT JQB X R	PLUG	AND ABANDONMENT
 Ran Schlumbe Ran 45 jts. 11,859' to 3 Cemented w/3 w/500 gal. WOC 24 hrs. log. Checket 	hole to TD 13 erger CR/CNL, 5" OD 18# C-7 13,648'. 290 sx. Class mud flush ahea Drilled out ed O.K. WIH wof liner to 25	"H" cement, 5# ad of cement. It to top of lines (500 for 1 hr.,	8#, Vis 46, WI colog, RXO log cd FL-4S liner KCL/sk, 6/109 P.D. @ 8:30 p. c @ 11,859'.	1.4.4 gs. (1789') s defluid los m., 6-9-77 Ran casing et @ 11,800	set from ss additive, inspection

District Engineer

DATE ____

Substitute Type of Lesse Some Substitute Type of Lesse Type of Lesse Type Typ	DISTRIBUTION SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65
SUNDRY NOTICES AND REPORTS ON WELLS One of use this result in the promoted of control of the process of the	U.S.G.S. LAND OFFICE	GOPY	State VI 6 Gas Lease No.
The Line and Proceed or Completed Operations (Clearly state all perinent details, and give pertinent dates, including estimated date of starting any proposes with 12, 200°. 10. Drill Oscillation of Completed Operations (Clearly state all perinent details, and give pertinent dates, including estimated date of starting any proposes with 12 completed Completed Operations (Clearly state all perinent details, and give pertinent dates, including estimated date of starting any proposes with 12 completed Com	SUND (DO NOT USE THIS FORM FOR PR	RY NOTICES AND REPORTS ON WELLS OPOSALS TO BRILL OF TO DEEPEN OR PLUE BACK TO A DIFFERENT RESERVOIR. TION FOR PERMIT — (FORM C-101) FOR SUCH PROPOSALS.)	
Atte Oil & Gas Company 3. Addeas of Operators C/O SOUTHLand Royalty Co. 1100 Wall Towers West Midland, TX 79701 1. Location of Well WHIT LETTER C 990 FEET FROM THE TOWERS WEST MIDLAND 1980 THE WEST LIME, SECTION 35 TOWNSHIP 23-5 AAABE NAME ALTERING CASING FLOOR AND ABANDON TO: PRAFORM RELIGIAL WORK TEMPRATURY ARANDON FULL OF ALTER CASING CHARGE PLANS CHARGE PLANS THE PROMISE TOST AND CEMERT AND EMBERT AND ESTIMATE OFFICE THE TOWER AND ABANDON TO: PRAFORM RELIGIAL WORK THE PROMISE TO COMPANY ABANDON THE TOTAL AND COMPANY ABANDON THE TOTAL AND COMPANY ABANDON THE TOTAL OFFICE THE TOWER CHARGE PLANS THE TOTAL COMPANY ABANDON THE TOTAL OFFI THE TOTAL OFFI THE TOTAL COMPANY ABANDON THE TOTAL OFFI THE TOTAL COMPANY ABANDON THE TOTAL COMPANY ABANDON THE TOTAL COMPANY ABANDON THE TOTAL OFFI THE TOTAL OFFI THE TOTAL OFFI THE TOTAL COMPANY ABANDON THE TOTAL OFFI THE TOTAL COMPANY ABANDON THE TOTAL COMPANY ABANDON THE TOTAL OFFI THE TOTAL COMPANY ABANDON THE TOTAL OFFI THE TOTAL COMPANY ABANDON THE TOTAL OFFI THE TOTAL OF		OTHER-	
C/O Southland Royalty Co. 1100 Wall Towers West Midland, TX 79701 4. Location of Well Unit Lettes C . 990 PERFYROM THE NOTTH LINE AND 1980 PERFORM REMEDIAL WORE TEMPORALITY ABANDON PLUE AND ABANDON TEMPORALITY ABANDON PULL OR ALTERING CASING CHANGE PLANS CHANGE PLANS CHANGE PLANS CHANGE PLANS TOWNSHIP PULL OR ALTERING CASING CHANGE PLANS CHANGE PLANS CHANGE PLANS TOWNSHIP PULL OR ALTERING CASING CHANGE PLANS CHANGE PLANS TOWNSHIP	Aztec Oil & Gas Com	oany	State "AR"
Antelope Ridge— THE WEST LINE, SECTION 35 TOWNSHIP 23-S RASES 34-E RAPPA. 15. Elevation (Show whether DF, RT, GR, etc.) 3446,1 GR Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK	c/o Southland Royal	ty Co. 1100 Wall Towers West Midland, TX 79701	1
15. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK TEMPORARILY ABANDON PLUE AND ABANDON CHARGE PLANS CHARGE PLANS CHARGE PLANS CHARGE PLANS CHARGE PLANS CHARGE PLANS TO JUL OR ALTER CASING CHARGE PLANS CHARGE PL		990 FEET FROM THE	
The commence of Notice, Report or Other Data NOTICE OF INTENTION TO: PRICE AND ABANDON PLUE AND ABANDON COMMENCE DIFFICUATION TO: PRICE AND ALTERNAC CASING CHANGE PLANS COMMENCE DIFFICUATION TO: THE COMMENCE DIFFICUATION COMMENCE D	THE WEST LINE, SECT	10N 35 TOWNSHIP 23-S RANGE 34-E NMPM	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING TOTHER 17. Describe Processed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. 1. Drill 9½" hole to 12,200', MW 8.9#, Visc. 28. 2. Rum GR/BHC Somic, DLL SP, RXO logs. 3. Ram 7 5/8" 33.7#, S-95 Buttress & LT&C set @ 12,200'. 4. Cement W/550 sx Halliburton Lite .06% Halad 22, 3# salt/sx, 1/2# Flocel/sx. Plug down @ 9:15 p.m., 4-22-76. 5. WOC 38 hrs. 6. Test BOP, well head, choke lines to 3000#, hold OK. 7. Test 7 5/8" csg to 2000#, hold OK. 8. Drill ahead 6½" hole MW 12.3#, Vis 35.			
TEMPORARILY ABANDON PULL OR ALTER CASING OTHER 17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed are the proposed of Complete Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed are the proposed of Complete Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed are the proposed of Complete Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed are the proposed of the proposed of the pertinent dates, including estimated date of starting any proposed are the proposed of the pertinent dates, and give pertinent dates, including estimated date of starting any proposed of the pertinent dates, and give pertinent dates, including estimated date of starting any proposed of the pertinent dates, and give pertinent dates, including estimated date of starting any proposed of the pertinent dates, and give pertinent dates, including estimated date of starting any proposed of the pertinent dates, and give pertinent dates, including estimated date of starting any proposed of the pertinent dates, and give pertinent dates, including estimated date of starting any proposed of the pertinent dates, and give pertinent dates, including estimated date of starting any proposed of the pertinent dates. 17. Describe Fromosed or Complete Operation of the pertinent datasis, and give pertinent dates, including estimated date of starting any proposed of the pertinent datasis, and give pertinent		Appropriate Box To Indicate Nature of Notice, Report or Ot	
1. Drill 9½" hole to 12,200', MW 8.9#, Visc. 28. 2. Run GR/BHC Sonic, DLL SP, RXO logs. 3. Ran 7 5/8" 33.7#, S-95 Buttress & LT&C set @ 12,200'. 4. Cement w/550 sx Halliburton Lite .06% Halad 22, 3# salt/sx, 1/4# Flocel/sx. Plug down @ 9:15 p.m., 4-22-76. 5. WOC 38 hrs. 6. Test BOP, well head, choke lines to 3000#, hold OK. 7. Test 7 5/8" csg to 2000#, hold OK. 8. Drill ahead 6½" hole MW 12.3#, Vis 35.	TEMPORARILY ABANDON PULL OR ALTER CASING OTHER	CHANGE PLANS CASING TEST AND CEMENT JQB X	PLUG AND ABANDONMENT
	1. Drill 9½" hole 1 2. Run GR/BHC Sonid 3. Ran 7 5/8" 33.7 4. Cement w/550 sx down @ 9:15 p.m 5. WOC 38 hrs. 6. Test BOP, well 1 7. Test 7 5/8" csg	to 12,200', MW 8.9#, Visc. 28. c, DLL SP, RXO logs. #, S-95 Buttress & LT&C set @ 12,200'. Halliburton Lite .06% Halad 22, 3# salt/sx, 1/4 1., 4-22-76. head, choke lines to 3000#, hold OK. to 2000#, hold OK.	
A LEGAL AND A STREET TO THE PROPERTY SEPTEMBER 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			5_2.77

DATE_

APPROVED BY ___

Last L. Burr

NU. OF COMICS PCCCIVED	Form C-103 Supersedes Old
S SANTA FE NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
FILE	
U.S.G.S.	State X Fee
LANO OFFICE	State A Fee 5. State Oil & Gan Leane No.
OPERATOR	NML-3881
CHARAM HOTICES AND DESCRIPTION OF THE	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROCESSAIN TO LIGHT OF THE PLACE FOR THE A DIFFERENT RESERVOIR. (DO NOT USE TARRECTATION FOR PERMIT IN (POSTA CHIEF OF THE PROPERTY)	7, Unit Agreement Same
O'L CAS X OTHER.	
2. Name of Operator	6. Farm or Lease Name
Aztec Oil & Gas Company	State "AR"
c/o Southland Royalty Co. 1100 Wall Towers West TX 79701	1
14. Lecation of Well	Antelope Ridge-
UNIT LETTER C 990 FEET FROM THE NOTTH LINE AND 1980 FEET FROM	Wicelobe Kidde
THE West LINE SECTION 35 TOWNSHIP 23-S RANGE 34-F NMPM.	
15. Elevetton (Show whether DF, RT, GR, etc.)	12. County
3446.1 GR	Lea (\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Check Appropriate Box To Indicate Nature of Notice, Report or Otl	
NOTICE OF INTENTION TO: SUBSEQUENT	REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPERARILY ABANDON COMMENCE DRILLING OPNS.	PLUG AND ABAHDONMENT
PULL OR ALTER CASING CHANGE PLANS CASING YEST AND CEMENT JOB X	· []
OTHER	
OTHER	
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including	estimated date of starting any proposed
work) SEE RULE 1903.	
 Drill 14 3/4" hole to 5133'. MW 10.3, Vis 45, WL 8.0 Ran BHC Sonic log w/Caliper 	
3. Ran 10 3/4" 45.5# & 51# ST&C casing set @ 5133'. Ran D	7 +001 @ 3005!
4. Cement 1st stage w/1600 sx Howco Lite, 8# salt/sx, 1/4# F	
sx Class "C" cement w/4# Flocele/sx. Plug down @ 11:15	
Open DV tool. Circ out 250 sx cement.	_
5. Cement 2nd stage w/2100 sx Howco Lite 15.5# salt/sx, %#	
Gilsonite/sx plus 200 sx Class "C" w/¼# Flocele/sx. Cin	
<pre>down @ 5:15 a.m., 3-25-77. Recement around top of 10 3, Class "H" cement. WOC 18 hours.</pre>	74" Via 1" W/150 SX
6. Test BOP @ 2000#, test 10 3/4" csg @ 1500# for 30 min.,	held OK. drill
ahead 9½" hole.	
18, I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.	2 20 77
18. I hereby certify that the information above in true and complete to the best of my knowledge and belief. **HENTE. District Engineer.	3-28-77



DISTRIBUTION SANTA FE	NEW ME	XICO OIL CON	SERVATION COMMISSION	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65
LAND OFFICE OPERATOR				State Off & Goal Leave No. NML - 3881
SUNI THIS FORM FOR THE	DRY NOTICES AND	REPORTS OF	WELLS PACE TO A DIFFERENT BUSERVOIR.	7. Unit Agreen out Found
WILL WILL X	OTHER-			6, Ferm of Leade Name
Z. Name of Operator		Anton Oi	l c Coa Co	
Southland Royald	co. and/of	Aztec Ul	1 & Gas Co.	State "AR"
1100 Wall Towers	West Midla	nd, Texas	79701	1
4. Lecation of Well				Antelope Ridge-Morro
UNIT LETTERC	990 FERT FROM	THE _north	LINE AND 1980 FEET P	"" Allelope Kluge-Mollo
THE West LINE, SEC	.TION 35 TO	WHSHIP 23	5 RANGE 34E NO	on Millinilli
THITTINI THE	15, Elevett	on (Show whethe	r DF, RT, GR, etc.)	12. County
	344	6.1 GL		Lea
	k Appropriate Box '	To Indicate	Nature of Notice, Report or subseque	Other Data ENT REPORT OF:
PERFORM REMEDIAL WORK TEMPONARILY ABANDON PULL OR ALTER CASSIG		E PLANS	REMEDIAL WORK COMMENCE DRILLING OPHS. CASING TEST AND CEMENT JQQ X	ALTERING CASING PLUG AND ABANDONMENT
отнев			OTHER	
	6 1/ - //	all portingut de	tails and give partinent dates inclu	ling estimated date of starting any proposed
work) SEE RULE 1103.	Operations (Clearly state	e are perement be	tutis, and give pertinent outour mains	
Set at 800'.	hole to 800'. Cemented w/cculated 60 sx	′700 sxs	joints 16" - 65#, I Class "C" cement and	K-55 new casing. I 50 sxs Class "H"
2. Plug down or	3-8-77 at 4	a.m., C.	S.T.	
3. WOC 12 hrs. 4. Commenced di	Pressured 16 WOC 18 A Filling.	5" casing	to 500# for 30 min	held O.K.
			· ·	
				·
18, I hereby certify that the informati	on above is true and comp	picte to the best	of my knowledge and better.	
1. Amoren A	1111	V171 F	District Engineer	DATE Michael 16, 1977
BIGNED CALAN	YA LA		Marie of the second of the sec	en a secreta de la companya de la c La companya de la co
ARCHANTA	·	TITLE		DATE

COMPUTIONS OF APPROVAL, IF ANYI

RECEIVED

LAR 17 1977

CIE de Co...M. Libres, fil lin