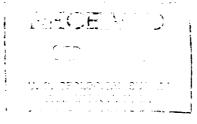
UNITED STATES

	J. LLAGE
DEPARTMENT OF THE INTERIOR	SF-077652
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON (Do not use this form for proposals to drill or to deepen or plug bac reservoir, Use Form 9–331–C for such proposals.)	
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas X other	East 9. WELL NO.
2. NAME OF OPERATOR	10-M
Southland Royalty Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Basin Dakota/Blanco Mesa Verde
P.O. Drawer \$70, Farmington, New Mexic	co 87401 11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. S below.)	Section 26, T31N, R12W
AT SURFACE: 1045' FSL & 1695' FWL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	San Juan New Mexico
AT TOTAL DEPTH:	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE REPORT, OR OTHER DATA	
OUDOSOUSTI DES	6069' GR
REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF	(NOTE: Report results of multiple completion Geomechange on Form 1391 CON. COM. DIST. 3
ABANDON*	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS including estimated date of starting any proposed wor measured and true vertical depths for all markers and	(Clearly state all pertinent details, and give pertinent dates, k. If well is directionally drilled, give subsurface locations and zones pertinent to this work.)*
8/27/80 Ran 217 joints (7191') of 1-	-1/2", 2.90#, EUE tubing landed at 7202'.
Mode1 "R" Packer set at 5224	P.
Ran 159 joints (4929') of 1-	1/2", 2.76#, IJ tubing landed at 4940'.
SIFT	e e e e e e e e e e e e e e e e e e e



Subsurface Safety Valve: Manu. and Type	Set	@ .	F	۶t

18. I hereby certify that the foregoing is true and correct

TITLE District Engineer DATE August 28, 1980

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

___ DATE _

SEP 04 1980

*See Instructions on Reverse Side

FARMINGTON DISTRICT

	UNITED STATES	5. LEASE	
	DEPARTMENT OF THE INTERIOR	SF-077652	_
	GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTES	E OR TRIBE NAME
SUNDRY	Y NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT N	IAME
(Do not use this reservoir, Use Fo	form for proposals to drill or to deepen or plug back to a different or 9–331–C for such proposals.)	8. FARM OR LEASE NAM	ME
		East	·
1. oil	gas well other	9. WELL NO.	
2. NAME OF	OPERATOR	10-M	
	d Royalty Company	10. FIELD OR WILDCAT	
3. ADDRESS	OF OPERATOR		Blanco Mesaverde
P.O. Draw	wer 570, Farmington, New Mexico 87401 N OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR I	•
below.)	ACE: 1045' FSL & 1695' FWL	Section 26, T	
	ACE: 1045 FSE Q 1055 FWE PROD. INTERVAL:	12. COUNTY OR PARISH	New Mexico
AT TOTAL		San Juan 14. API NO.	New Mexico
	PPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NU.	
	OR OTHER DATA	15. ELEVATIONS (SHOW	N DE KDB VND MD)
KLI OKI,	OK OTTEN DAW.	6069' GR	7 51, 1100, 7110 110,
REQUEST FOI	R APPROVAL TO: SUBSEQUENT REPORT OF:		
	REAT	(NOTE: Report results of m change on Form	
· 1 d:	E PROPOSED OR COMPLETED OPERATIONS (Clearly state estimated date of starting any proposed work. If well is do and true vertical depths for all markers and zones pertined	nt to this work.)*	a a locations and
8/16/80	Perforated the Lower Dakota at 7107' 7179', 7202', 7208', 7214'. (Total of	of 10 holes.)	
8/19/80	Frac'd the Lower Dakota with 77,958 and 20/40 sand. AIR 16 BPM, ATP 3300 psi Perforated the Upper Dakota at 6979' 7071', 7077', 7083'. (Total of 9 hotel)	i, ISIP 2300 psi. , 6991', 7043', 70 les.)	49', 7059', 7065'
8/20/80	Frac'd the Upper Dakota with 97,446;	gals gel 1% KCl wa psi, ISIP 1400 ps	1.
8/23/80	Perforated the Mesa Verde at 4834', 4873', 4879', 4885', 4891', 4902', 4'5042', 5092'. (Total of 18 holes.) Frac'd the Mesa Verde with 122,094 g. 20/40 sand. AIR 35 BPM, ATP 500 psi	4840', 4846', 4852 925', 4930', 5020' als of slick water	', 4858', 4864', , 5025', 5036',
Subsurface S	afety Valve: Manu. and Type		t @ Ft.
18. I hereby	certify that the foregoing is true and correct		. 1000
SIGNED	PE. Fulde TITLE District Engi		28, 1980
	(This space for Federal or State of		:
APPROVED BY CONDITIONS (DF APPROVAL, IF ANY:	ACCEPTED FOR REC	ORD

SEP 9 1980

*See Instructions on Reverse Side



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088 ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type lest							Test Date												
	ĺχ	Initia	1		Aı	nnual	Special 10-4-80												
Con	pany					Connec	tion												
Sc	outhland	Rova	ltv (Company		Sou	the	rn Unio	on Gati	neri	ng								
Pool Form								11. 0											
Blanco Me								a Verde											
Completion Date Total Depth								Plug Back		Farmo	r Lease	11awe							
	20-80	_	1	7215	<u> </u>		- [721	4'		606	9' GF	₹	EAS	T				
							 	Perloration	<u></u>					Well N	0.				
7.6	25.70	26.	40#	6.969	150	^1 475	8 N	From	То					10M					
<u>5, 5</u>	. \$1zo	15. wi.	5#	4.950	11.09.	1' <i>-</i> 721 **	4	Perforations:						Unit	Sec.	T	wp.	Ross	
			i			4940	- 1		4834 '	т	™ 5092 '			N	26	3	1N	12W	
1.9	900	2.7		1,610 L-G.G. or G.	2 14				Packer Set At					County					
			sennedo	- G.G. 61 G.	O. Mui	itipi•			, 62201 0	522	1 1 (i	•	Juan	,			
	-Multip	ole							Dave De					State	1 Other				
F'roc	iucing Thru	- 1	Reserv	oir Temp. *F	- '	Mean Ani	nuai	lemp. T	Baro, Pre				1		Mexi	~			
Tι	ibing								L	12.		-					aps		
	L	н		Ga	- 1	% CO ₂		* N 2	l	% H ₂ S	5	broser	1	Meter	r Run	Ι,	чръ		
				,700															
		·	FL	OW DATA					TUE	ING	DATA		C.A	SING	DATA		Du	rollon	
	Prover	x	Orifice	Press.		Diff.		Temp.	Pres	в.	Tem	p.	Pres	58,	Теп	p.		of	
ΝО.	Line	Χ	Size	p.s.i.g.	ł	$h_{\mathbf{w}}$	- 1	•F	p.s.i.	g.	*F	•	p.s.!	.g.	• F	.	F	low	
SI	Size				\neg		\neg		1034				1041	-	1				
1.	-7" X :	2" X 3/4"					_		263				931				1 Hc	ur	
2.		,, 1		 			-		251				906				2 Hc	urs	
3.							-		243				884				3 Hc	urs	
				ļ <u>-</u>			-+		2.13						<u> </u>				
4.				ļ			-+								 				
5.				<u> </u>					L								L		
						RATE	OF	FLOW	CALCUI	ATI	ONS								
	Coeffi	cient	1		_	Press	Flov		v Temp.	1	Gravity	'		Super		Rot	e of F	low	
	_		-	¬√h _w P _m	- 1			F	actor		Factor	- 1		mpress.	1	(, Mcf	l	
NO.	(24 H	our)				Pm	·		Ft.	<u> </u>	Fq			tor, Fpv					
1	12.365		l			255	.2		0000	↓	.925	8		0000		20	21_		
2.										ļ									
3.										<u> </u>							44	-	
4.										<u> </u>						J. 3			
5.			1												n_{r}			-	
-		T	1				Gas	Liquid Hy	drocarbon	Ratio				-	** O !	<u>45</u>	198a	ci/bil.	
NO.	Pr	Temp	. •R	T _t		4			of Liquid					T_{Ω}	<u> </u>	<u> </u>	}	_ Deg.	
1.			-+					_	ly Separato					•	Dis	37 X X	XX	$\mathbf{x}\mathbf{x}\mathbf{x}$	
									y Flowing			ХX	XXX				{ 		
2.		+												P.S.1	1			.S.I.A.	
3. 4. 5.			-+						ure						R			R	
4.							Criti	ca: lempe	rature						- '' '				
	1052 0	1	12000												٦_				
	1053.2	T	1092	30.2 Pu ²	D 2	- P _w ²	(1)	P _C 2	= -	3.6	243	. ((2)	Pc 4	" :	<u>. 2.</u>	626	<u></u>	
NO	P _t ²	P.				- rw		$P_c^2 - P_c^2$?		_		1	Pc ² - ₽	2				
1		B96.2	<u> β</u>	03174.4	<u> 3060</u>	055.8		•					_		_				
2		_				{		г	5.2	٦'n		7677	,						
3							AOF	= Q -	₽² ₽² – ₽²	-1	=	/6/3							
4								L	Pc2 - R,2										
5																			
Abs	olute Open	Flow	76	573				McId	€ 15.025	Ang	le of Slo	p e &			s	lope.	n	.75	
Ren	ouks:																		
									Calculate	d Dv				Checke	d By:				
App	roved By D	vision		Conduc					James				1		. Van	Rya	an		
				Tom V	vayıı	CT			1				1						

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-122 Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Тур	• 7 •st] Initio	ıl		A	nnual											
Company Southland Royalty Co.							Southern Union Gathering										
Pool Basin							Formation Dakota							Unit			
Completion Date Total Depth 7215								Plug Back TD 7214			Elevation 60	69' GR	Form or Lease Name EAST				
Crac Size Wt. 26.40# . d6.969 Set A						^'475 91' <i>-</i> 72	8' 14'	Perioratio From	ns:	T	D		#10M				
The Size Wt. d Set A								Perioratio						N 26 31N 12W			
1.900 2.90# 1.610 Type Well - Single - Bradenhead - G.G. or G.O. Mult							ــــــــــــــــــــــــــــــــــــــ		Packer Set At 5224					County Con Tunn			
_	-Multip	Le	Reserv	oir Temp. *F	-	Mean An	nual	Temp. *F	Baro. Pr	ess. —	Pa		San Juan				
	bing			ρ		* 60		- l e N	<u></u>	13 % H ₂ S	2.2	Prover	New	Mexico	Taps		
	L .	н		.70	00	% CO 2		* N 2	% H ₂						<u> </u>		
			Fl	OW DAT	١				TUE	BING	DATA	c	ASING	DATA	Duration		
νО.	Prover Line Size	x	Orifice Size	Press. p.s.i.g.		Dill.		Temp.	Pres p.s.i.		Tem •F	1	.l.g.	Temp.	of Flow		
SI									606		J			ļ			
1.	2" X 3	/4"							4		 				1 Hour		
2.									2					 	2 Hours		
3.				<u> </u>					11_		 			<u> </u>	3 Hours		
4.																	
5.				1					L					l			
					γ	RATI	E 01	FFLOW	CALCU	<u> </u>	ONS						
Coefficient — $h_w P_m$				Pressur e Pm			w Temp. Tactor				Super ompress. ctor, Fpv		Rate of Flow Q, Mcfd				
1	12.365					13.2		1.0	0000	1	.9258		1.0000		151		
2.	12.505		+-														
3.			+-														
4.			1							<u> </u>			$-\!\!\!/\!\!\!-$	8			
5.			1							<u> </u>				10-			
NO.	Pi	Temp	o. •R	T _f		z		Liquid Hy .i. Gravity					QII	Co	McWabl.		
1.		1						cific Gravii					1	OCXVX	Coxxxxx		
2.					ļ		Spe	cific Gravit	y Flowing	Fluid	·	XXXX	× \	3/3/	3		
3.		<u> </u>			ļ			ical Press					P.S.T	, M	P.S.I.A.		
4.		<u> </u>			ļ		Crit	ical Tempe	rature					R L	я		
5.		ـــــ			L												
P _C	613.2	7	38217	71.2		2	(1)	Pc 2	= .	1.00	05	(2)	F _c ²	" =_	1.0003		
NO	P ₁ ²		w	P _w ²	P _c	- P	(,,	R2 - R	, -				$P_c^2 - F_a$	2			
1		13.	2	174.2	<u>β819</u>	97.0		- "				•		_			
2					ļ			Γ	P. 2	٦٣	15	1					
3							AOI	- Q -	n2 n2	-	=	1					
4		 						L	1° 10	٦							
5 Meid € 15.025 Angle of Slope ⊕ Slope, n.75										no, n <u>.</u> 75							
Absolute Open Flow 151 Meld # 15.025 Angle of Slope # Slope, n 2/2																	
Ren	nark =:																
ļ																	
Anr	noved By Di	vision		Condu	ted B	y:			Calculate				Checke		D		
	Tom Wagner James Smith L. O. Van Ryan										.th		上, 0	. van	куап		