GEOLOGICAL SURVEY  SINDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)  SF-077648  6. IF INDIAN, ALLOTTEE OR TRIBE NAME	Form 9-331 (May 1963)	UNITED ST		SUBMIT IN TRIPLICA Other instructions on	Budge	Form approved. Budget Bureau No. 42-R1424.  5. LEASE DESIGNATION AND SERIAL NO.	
SUNDRY NOTICES AND REPORTS ON WELLS  (DE DOI USE this form for proposals to define or the depth or this proposals.)  (DE DOI WILL DO NOTICES  (TO NOTICE AND TO PRODUCT ON THE STATE OF THE PARTY OF THE				A Actac stoc)	4		
(Do not use this form for proposals to drill or to deeped or flag back to a different reservoir.    One	CII			I WELLS			
O'LL GABLE WILL OF OTHER STAND OF STATES AND STATES OF SCHOOL OF STATES OF SCHOOL OF SCHOOL OF STATES OF SCHOOL OF STATES OF SCHOOL OF STATES OF SCHOOL OF STATES OF SCHOOL OF SCHOOL OF STATES OF SCHOOL OF S	(Do not use th	is form for proposals to drill or to	deepen or plug back	to a different reservoir.			
South I well by other South I was a secondary with any State requirements.    South I was a secondary with a secondary with any State requirements.   South I was a secondary with any State requirements.	Use "APPLICATION FOR PERMIT— for such proposals.)					IBNT NAME	
Southland Royalty Company  5. Addisses of OPERATOR  P. O. Drawer 570, Farmington, NM 87401  4. Location of velle, (Especial footes) and in accordance with any State requirements.*  At surface  1090' FNL & 1100' FWL  11. SULVATIONS (Show whether or, N. O. etc.)  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  Son, Juan   New Mexico  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  Son Juan   New Mexico  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  Son Juan   New Mexico  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  Son Juan   New Mexico  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  Son Juan   New Mexico  THERT WATER SHUT-OFF   FULL OR ALERS CASING   NEW MEXICO   New York of Notice, Report, or Other Data  Son Juan   New Mexico  THAT WATER SHUT-OFF   Spand and Casing New Mexico  Charles		OTHER					
P. O. Drawer 570, Farmington, NM 87401  1090' FNL & 1100' FWL  1090' FNL & 1100' FWL  11. Sec also page 17 below.)  12. Course? Or partial 18. Riskations (Show whether sw. pr. os. etc.)  13. FREARIT NO.  14. FREARIT NO.  15. RISKATIONS (Show whether sw. pr. os. etc.)  16. Check Appropriete Box To Indicate Nature of Notice, Report, or Other Data  10. Check Appropriete Box To Indicate Nature of Notice, Report, or Other Data  10. Notice of interation no:  11. PREARIT NO.  12. Course? OF INTERATION NO:  13. PREARIT NO.  14. PREARIT NO.  15. RISKATIONS (Show whether sw. pr. os. etc.)  16. Check Appropriete Box To Indicate Nature of Notice, Report, or Other Data  17. PRICTION TREAT  18. NOTICE OF INTERATION NO:  18. RISKATIONS (CHEP)  18. RISKATION OF INTERATION NO:  18. PRICTION OF INTERATION OF INTERATION OF INTERACTION OF					8. FARM OR LE	8. FARM OR LEASE NAME	
P. O. Drawer 570, Farmington, NM 87401  Received well Royal location clearly and in accordance with any State requirements.'  At authors  1090' FNL & 1100' FWL  11. FERMIT NO.  12. H. REVATIONS (Check Appropriate Box To Indicate Noture of Notice, Report, or Other Data  NOTICE OF INTEREST ON PULL OR ALTER CARDING  PRACTICE TREAT WATER SETURORY  PRACTICE TREAT  ANDOYS  ANDOYS  PRACTICE TREAT  ANDOYS  AND MENTAL	Southland Royalty Company						
A DECEMBER OF WHILE (Report location clearly and in accordance with any State requirements."   Sec. 11, 710, 10, 00 willout	P. O. Drawe	r 570, Farmington, NM	87401		#18	#18	
10. II. BLEVATIONS (Show whether DV. NI. O., etc.)  11. FRENIT NO.  12. COUNTY OF PARISH 12. SEC. 11, T31N, R12W  13. COUNTY OF PARISH 12. SEATE  14. TRENIT NO.  15. SURVATIONS TO:  16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  THET WATER BRUT-OFF PRACTURE TREAT  SECT. 14. M. O. MALE A. 1000  16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  THET WATER BRUT-OFF PRACTURE TREAT  SECT. 14. M. O. MALE A. 1000  16. Sec. 11, T31N, R12W  17. DESCRIPTION OF THE PARISH IN THE SECT. 12 AND MEMORY OF THE SECT. 12 AND MEMORY OF THE SECT. 13 AND MEMORY OF THE SECT. 14 AND MEMORY OF THE SECT. 15 AND MEMORY OF THE SECT	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*						
14. FERRITY NO.  15. ELEVATIONS (Show whether DV, NY, OR, etc.)  16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTERVIENT TO TO:  THEN WAZER SHOT-OFF PRACTURE TREAT SHOOT OR ACTIONS SHOW WILL CHANGE PLANS (Other)  17. DESCRIBE PROPOSED OF CONFIFTED OFFRACTIONS (Clearly state all perthent details, and give semilent date. Indicate completion on Well (Notes). Spuid and Casting Report and tree of Notice Report results of multiple completion on Well (Notes). Spuid and stree pertinent date. Indicate completion on Well (Notes). Spuid and tree vertical depths for all markers and source partinent to the indicate completion on Well (Notes). Spuid and proposed which (10 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cemented with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate to surface. Cemented down backside of casing with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate. Cemented down backside of casing with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate. Cemented down backside of casing with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate. Cemented down backside of casing with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Plug down at 12:30 AM, 4-15-79. Cement circulated to surface  18. I bereby certify that the foregoing to frue and correct  TITLE District Production Manager  APPROVED BY  19. TITLE  DATE  19. DATE  10. DATE  11. DATE  12. DATE  12. DATE  13. DATE  14. DATE  14. DATE  15. DATE  16. DATE  16. DATE  16. DATE  16. DATE  16. DATE  16. DATE  17. DATE  18. DATE  18. DATE  18. DATE  19. DATE  19. DATE  19. DATE  19. DATE  10. DATE  11. DATE  12. CEMENTAL TRAINER  13. COMPATIONS  14. DATE  16.						M., OR BLK. AND	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INVERTION TO:  TEST WATER SHOT-OFF FRACTURE TREAT SHOOT ON ALTER CARING MOLTIFLE COMPLETE ARROUND SHOULD CHANGE FLANS (Other)  17. DESCRIBE CHOCKED ON COMPLETED OFFSELDING (Clearly stable all perfluent) details, and give perfluent details and in the foregoing is true and correct to surface. Cement did not circulate to surface. Cemented down backside of casing with 100 sacks of Class "B"  Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free. Re-cemented with 150 sacks of Class "B" Surface pipe fell free Re-cemented with 150 sacks of Class "B" Surface pipe fell free Re-cemented with 150 sacks of Class "B" Surface pipe fell free Re-cemented with 150 sacks of Class "B" Surface pipe fell free Re-cemented with 150 sacks of Class "B" Surface pipe fell free Re-cemented with 150 sacks of Class "B" Surface pipe fell free Re-cemented with 150 sacks of Class "B" Surface pipe fell free Re-cemented w	109	O, LWT & TIOO, LMT			SURVEY	OR ARMA	
18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTERVENT TO THE TOTAL OR ALTER CARING MULTIPES COMPLETE MOOT OR ALTERING CARING MULTIPES COMPLETE MOOT OR ACTIONS TRANS MULTIPES COMPLETE MOOT OR ACTIONS OR ACTIONS ARROOMENT. ARROOMENT MULTIPES COMPLETE MOOT OR ACTIONS OR ACTIONS OR ACTIONS OF COMPLETED OPERATIONA (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface lossitions and measured and true vertical depths for all markers and zones pertinent to talk work.)  4-13-79 Spackded 12 1/4" surface hole at 2:00 PM, 4-13-79. Set 4 joints (130.50') of 8 5/8", 24#, K-55 casing at 142'. Cemented with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl., Cement did not circulate to surface. Cemented down backside of casing with 50 sacks of Class "B".  Surface pipe fell free. Re-cemented with 150 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl., Cement did not circulate. Cemented down backside of casing with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl., Plug down at 12:30 AM, 4-15-79. Cement circulated to surface and 3% CaCl. Plug down at 12:30 AM, 4-15-79. Cement circulated to surface approach to the complete of t						T31N, R12W	
THE CHECK Appropriate Box To Indicate Notice, Report, or Other Data  NOTICE OF INTENTION TO:  SUBBEQUENT REPORT OF:  STATE SHUT-OFF PEACTURE TREAT SHUT-OFF PEACTURE TREAT SHOWN OR ACTORIES  ARRANDON*  SHOOTING BACKINGE  RECORD OR ACTORIES  ARRANDON*  CHANGE PLANS  (Other)  Sputh and Casing Report. X  (Note: Report renits of multiple conduction on Well  (Note: Report renits of multiple conduct on Multiple conduction on Well  (Note: Report renits of multiple conduct on Multiple conduction on Well  (Note: Report renits of multiple conduction on Well  (Note: R	14. PERMIT NO.	15. ELEVATIONS		GR, etc.)		į .	
TEST WATER SHUT-OFF PULL OR ALTER CASING MULTIPLE COMPLETE ARANDON' SHOOT OR ACTORISE TREATS MULTIPLE COMPLETE ARANDON' SHOOT OR ACTORISE TREATS MULTIPLE COMPLETE ARANDON' SHOOT OR ACTORISE TREATS MULTIPLE COMPLETE TREATS MULTIPLE CASE.  17						New Mexico	
THE WATER BRUNOTF  PRACTURE TREAT SHOOT OR ACIDEE  REPAIR WELL  (Other)  Spend and Casing Report  (Other)  Spend and Casing Report  (Other)  Spend and Casing Report  (Nors: Report results of multiple completion on Well  (Nors: Report results of Manager and Well  (Nors: Report results on Well  (Nors: Re							
PRACTURE THEAT SHOOT OR ACTORIE REPAIR WELL  CHANGE PLANS		NOTICE OF INTENTION TO:		SUB	<del></del>		
ABANDON'S ACIDIES  REPAIR WELL  (Other)  Spud and Casing Report.  (Other)  17. Describe indoors of completion on Wall  Completion or Recompletion on Wall  Completion of Mall of Casing and Part in							
(Other)  (Other)  (Other)  (Other)  (Other)  (Completion or Recompletion or Recompletion on Well Completion or Recompletion or		<del></del> 1			II	·	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including settimated date of starting any proposed work.)  4-13-79 Spudded 12 1/4" surface hole at 2:00 PM, 4-13-79. Set 4 joints (130.50') of 8 5/8", 24#, K-55 casing at 142'. Cemented with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate to surface. Cemented down backside of casing with 60 sacks of Class "B". Surface pipe fell free. Re-cemented with 150 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate. Cemented down backside of casing with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate. Cemented down backside of casing with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Plug down at 12:30 AM, 4-15-79. Cement circulated to surface  (This space for Federal or State office gue)  APPROVED BY	REPAIR WELL	CHANGE PLANS		(Nove Report res	uits of multiple comi	oletion on Well	
4-13-79 Spudded 12 1/4" surface hole at 2:00 PM, 4-13-79. Set 4 joints (130.50') of 8 5/8", 24#, K-55 casing at 142'. Cemented with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate to surface. Cemented down backside of casing with 60 sacks of Class "B". Surface pipe fell free. Re-cemented with 150 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate. Cemented down backside of casing with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Plug down at 12:30 AM, 4-15-79. Cement circulated to surface  [18. I hereby certify that the foregoing is true and correct surface of Federal or State office grade. Title District Production Manager DATE 4-16-79  [This space for Federal or State office grade.]  [Title DATE DATE DATE.]	17	OR COLUMN STEP ORER ATTOVA (Clearly	state all pertinent de	Completion or Reco	ompletion Report and	Log form.)	
of 8 5/8", 24#, K-55 casing at 142'. Cemented with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate to surface. Cemented down backside of casing with 60 sacks of Class "B". Surface pipe fell free. Re-cemented with 150 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate. Cemented down backside of casing with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Plug down at 12:30 AM, 4-15-79. Cement circulated to surface  18. I hereby certify that the foregoing is true and correct  SIGNED  (This space for Federal or State office gue)  APPROVED BY  TITLE  DATE  DATE	proposed work.	If well is directionally drilled, give	subsurface locations	and measured and true ve	ertical depths for all	markers and sones perti-	
of 8 5/8", 24#, K-55 casing at 142'. Cemented with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate to surface. Cemented down backside of casing with 60 sacks of Class "B". Surface pipe fell free. Re-cemented with 150 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Cement did not circulate. Cemented down backside of casing with 100 sacks of Class "B" with 1/4# gel flake per sack and 3% CaCl <sub>2</sub> . Plug down at 12:30 AM, 4-15-79. Cement circulated to surface  18. I hereby certify that the foregoing is true and correct  SIGNED  (This space for Federal or State office tops)  APPROVED BY  TITLE  DATE  DATE							
SIGNED LYUN TITLE District Production Manager DATE 4-16-79  (This space for Federal or State office use)  APPROVED BY DATE	4-13-79	of 8 5/8", 24#, K-55 with 1/4# gel flake p surface. Cemented do Surface pipe fell fro gel flake per sack as backside of casing w	casing at leper sack and own backside see. Re-cemend 3% CaCl2. ith 100 sacks	42'. Cemented with CaCl <sub>2</sub> . Cemer of casing with (anted with 150 sac Cement did not s of Class "B" with the content of the con	ith 100 sacks nt did not ci 60 sacks of C cks of Class circulate. ith 1/4# gel	of Class "B" rculate to class "B". "B" with 1/4# Cemented down flake per sack	
SIGNED LYUN TITLE District Production Manager DATE 4-16-79  (This space for Federal or State office use)  APPROVED BY DATE			And the control of th				
SIGNED Lyun TITLE District Production Manager DATE 4-16-79  (This space for Federal or State office use)  APPROVED BY DATE		A PAR					
SIGNED Lyun TITLE District Production Manager DATE 4-16-79  (This space for Federal or State office use)  APPROVED BY DATE							
SIGNED Lyun TITLE District Production Manager DATE 4-16-79  (This space for Federal or State office use)  APPROVED BY DATE	·		and the second				
SIGNED Lyun TITLE District Production Manager DATE 4-16-79  (This space for Federal or State office use)  APPROVED BY DATE					in the second		
SIGNED Lyun TITLE District Production Manager DATE 4-16-79  (This space for Federal or State office use)  APPROVED BY DATE		· · · · · · · · · · · · · · · · · · ·		And the second second			
SIGNED LYUN TITLE District Production Manager DATE 4-16-79  (This space for Federal or State office use)  APPROVED BY DATE		E. Carlotte		The state of the s			
SIGNED Lyun TITLE District Production Manager DATE 4-16-79  (This space for Federal or State office use)  APPROVED BY DATE		$\mathcal{O}^{}$	The state of the s	5 1 Q			
SIGNED Lyun TITLE District Production Manager DATE 4-16-79  (This space for Federal or State office use)  APPROVED BY DATE	18. I hereby certify th	at the foregoing is true and correct	1				
APPROVED BY DATE				ct Production Ma		4-16-79	
MITMOVED DE COMPANIE DE COMPAN	(This space for Fe	deral or State office (use)		\$ 57 BP 45			
		ADDDOUAL AM TANG	TITLE		DATE		

\*See Instructions on Reverse Side

nynocc