	1)(0-045-2	4673
DISTRIBUTION		NEW MEXICO OIL CONS	SERVATION COMMISSION	N	Form C-101	
SANTA FE					Revised 1-1-65	
FILE					5A. Indicate T	
u.s.g.s.					STATE	FEE X
LAND OFFICE					.5. State Oil &	Gas Lease No.
OPERATOR						
APPLICATIO	N FOR PERMIT	T TO DRILL, DEEPEN	, OR PLUG BACK			
a. Type of Work					7. Unit Agreen	nent Name
DRILL X		DEEPEN	PL IIC	BACK 🗍		
ە. Type of Well		DEEFEN [FLUG	BACK []	8. Form or Lec	ise Name
OIL GAS X	OTHER		SINGLE MUL	ZONE X	Harper	
. Name of Operator					9. Well No.	
Southland Royalty	Company				#3 <u>*</u>	
. Address of Operator					To Held and.	ctured Cliff
P. O. Drawer 570,	Farmington,	NM 87401		1	Hidesiana	ted Fruitlan
		LOCATED 970'	Sout			
UNIT LETTE	P	LOCATED	FEET FROM THE	CINE		
10 1090 FEET FROM	THE East	LINE OF SEC. 14	TWP. 31N RGE. 12	W NMPM	/XXXXX/8	12/14/12/2/18
TOSO TEET FROM	$\vec{m}\vec{m}$	ritmiilim	iniiniiniiniiniiniiniiniiniiniiniiniini	VIIIIII	12. County	
					San Juan	
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			1	C/Frtlnd		Rotary
Levations (Show whether DF,	PT 515 1 1 21A	. Kind & Status Plug. Bond	21B. Drilling Contractor	C/FICHIO		Date Work will start
,	K1, etc.) 21A.	. Kind & Sidius Frag. Bolid	Four Corners Dr	illing		ber 15, 1980
6178' GR			Tour Corners Dr] 2000	
		PROPOSED CASING A	ND CEMENT PROGRAM			
				т	- 00 45 45	EST. TOP
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OIL CONSERVATION DIVISION

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-107 kevised 10-1-7

All distances must be from the cuter houndaries of the Section.

		<u> </u>				
Operator SOUTHLAND ROYALTY COMPANY		HARPER		Well No.		
Unit Letter	Section	Township	Range	County		
P	1),	31N	12W	San J	uan	
Actual Footage Location of Well:						
970 feet from the South line and 1090 / Niest from the East line						
Ground Level Elev:	Producing For		Populatie &		Dedicated Ac	
	6178 Pictured Cliffs-Fruitland Blanco - Undesignated 160/56.76Acros					
1. Outline th	e acreage dedica	ited to the subject w	ell by colored pencil	or hachure n	narks on the plat belo	pw.
	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 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 an	nswer is "yes;" type	of consolidation			· · · · · · · · · · · · · · · · · · ·
	If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)					
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.						
· [1		i		CERTIFICA	ATION
	!		1	1 1		
	,		1	1 1	I hereby certify that the	e information con-
			i	1 1	tained herein is true ar	nd complete to the
	1		i	1 1	best of my knowledge a	nd belief.
	l		1			r s - t
	1		t	1	Nome	
					Robert E. Fielde	er
	1		1	1	Position	
	1			1 1	District Enginee	er
	ı		I		Company	h. Company
	I Sec				Southland Royalt	ly Company
			1		October 8, 1980	
l	1		[
	1					
ı	ı		1		1. hereby certify that	
	1	14			shown on this plat was	•
	I		'		notes of actual survey under my supervision, o	
	ı			arest W. J.	is true and correct to	
	ı				knowledge and belief.	
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	I		9 1090		Bate Sucveyed	1
	l		1	A. P. S.	September 24	~~~ Tr
	1		1_	111	Registered Professional Land Surveyor	Ingineer
	1		970		A PL	(1)
	1		1 %		Fred B. Kerry	
					Certificate No. 8. AL.	7
•	Scal	e: 1"=1000"			3950	_

SOUTHLAND ROYALTY COMPANY - DRILLING SCHEDULE

HARPER #3

970' FSL & 1090' FEL Sec. 14, T31N, R12W San Juan County, NM

Field: Blanco Pictured Cliffs/Undesignated Fruitland

Elevation: 6178' GR

Geology: Formation Tops -

Ojo Alamo 1228'
Fruitland 2327'
Pictured Cliffs 2699'
Total Depth 2920'

Logging Program: IES and GR-Density at Total Depth.

Coring Program: None

Natural Gauges: None

Drilling:

Contractor: Tool Pusher:

SRC Answ. Svc: 325-1841 Dispatch Number; 325-7391

Mud Program: Fresh water mud from surface to total depth.

Materials: Casing Program

SRC Representative:

Hole Size	Depth	Casing Size	Wt & Grade
12 1/4"	130'	9 5/8"	32.30#K-55
8 3/4"	2650'	2 7/8"	6.5# K-55
6 3/4"	2920 '	2 7/8"	6.5# K-55

Float Equipment:

9 5/8" Surface Casing: B & W cement quide shoe.

2 7/8" Production Casing: Long String - notched collar quide shoe. Howco 2-7/8"

latch down baffle. Two 3-1/16" rubber balls and one 2-7/8" Omega latching plug. Use a 3-1/4" plug container head. Use six B & W stabilizers on bottom six joints.

Short String - expendable check on bottom. Run six B & W centralizers on on each of the bottom six joints.

One 3-1/16"rubber ball.

Wellhead Equipment: 9 5/8" X 2 7/8" X 2 7/8", EUE, screwed head

SRC - Drilling Schedule Harper #3 Page 2

Cementing:

70 sacks (83 cu. ft.) of Class "B" with 1/4# gel flake 9 5/8" Surface Casing: per sack and 3% $CaCl_2$. (100% excess.)

2 7/8" Production Casing: After running short string and prior to cementing, Circulate thru short string with water. Pump down a 3-1/16" rubber ball and displace with 100 gals. of acetic acid. Then cement thru long string with 365 sacks (548 cu. ft.) of Class "B", 50/50 Poz with 6% gel. Tail in with 205 sacks (242 cu. ft.).

> If lost circulation occurs while drilling, add 1/4# per sack of fine gilsonite. Volume is 50% excess of gauge hole to cover Ojo Alamo.

> Dispalce cement with 50 gallons of acetic acid. Run temperature survey after 12 hours.

> > L. O. Van Ryan District Production Manager

JAC/ke



November 11, 1980

Oil Conservation Division Mr. Frank Chavez 1000 Rio Brazos Road Aztec, NM 87410

RE: Blowout Preventer Plan

Dear Mr. Chavez:

All drilling and completion rigs will be equipped with 6" or larger double gate hydraulic blowout preventers and a hydraulic operated closing unit with steel lines.

The preventer is 3000# working pressure and 6000# test pressure. All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested frequently enough to ensure proper operation.

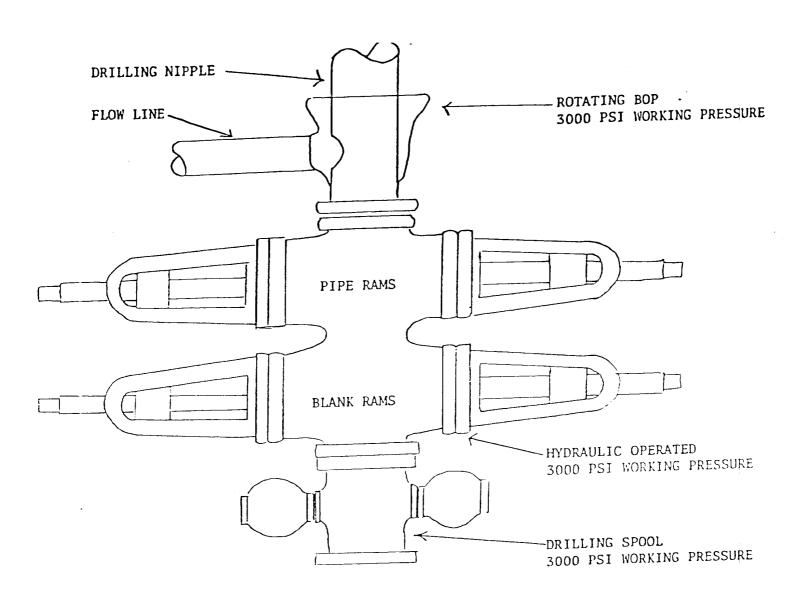
Sincerely,

SOUTHLAND ROYALTY COMPANY

Robert E. Fielder District Engineer

Mit hade

Southland Royalty COmpany Harper #3 Section 14, T31N, R12W San Juan County, NM



PREVENTERS AND SPOOLS ARE TO HAVE THROUGH BORE OF 6" - 3000 PSI OR LARGER

THE UNDERSIGNED, for and in consideration of the amount shown below, the receipt of which is hereby acknowledged, releases Southland Royalty Company, its agents, contractors and employees, from all claims of any kind or character for damages sustained by the undersigned caused by the construction of a roadway and location for use in drilling and operating gas or oil wells in the vicinity, or the project named below, with appurtenances thereto, over and through the hereinafter described propert

The undersigned represents that he is legally entitled to possess and occupy the surface of said property and is, therefore, entitled to receive payment for the damages sustained thereto.

DESCRIPTI	ON OF PROPE	RTY SITUATED	INSAN JUAN	COUNTY,
STATE OFNE		·		
Subdivision	Section	Township	Range or Block	B & M or Abstract
SE/SE	14	31 N	12W	
Received of Sc	outhland Roya	alty Company	the amount of \$_\$	425.00
			, 19 <u>.</u>	
			Maria Harper SIGNED Star Rt 1053 Count Bayfield Colo	
WITNESS	1		Status Con +	c, R1524
Check Number_	44828		Mary 1035 wans	
Well Name	HARPER #3		Dayfield Colo	81/22.
AFE Number	044V		V	

LOVR/dg

