(May 1963)	UNI	TED STATE	c	(Other	instructi		~ 7	-	eau No. 42-B1425
·	DEPARTMEN				SVELSE BLU	- /	50	-045	<u>- 2352</u>
				•			5. LEAS	SE DESIGNATIO	ON AND RERIAL NO.
							NM-6		TEB OR TRIBE NAME
APPLICATION 18. TYPE OF WORK	n for permit	TO DRILL,	DEEPEN,	OR_PLI	UG BA	ACK	-		
DR	ILL 🛛	DEEPEN		PLUC	5 BAC	< □_	7. UNIT	AGBEEMENT	NAMB
OIL C. WELL W	VELL X OTHER		SINGLE ZONE		MULTIPLE			OR LEASE)	AMB
	alty Commons						9. WBL	e Mesa	
Southland Roy 3. ADDRESS OF OPERATOR	arty company						#5		
P. O. Drawer	570, Farmington Report location clearly and	. New Mexi	со						OR WILDCAT
4. LOCATION OF WELL (R At surface	eport location clearly and	in accordance wi	th any State re	quirements	.*)		Blan	co Mesav n Dakota	verde
	' FNL & 1430' F	WL					11. shc	BURYEY OR	R BLK.
At proposed prod. son)e					-	Sect	ion 13.	T32N, R8W
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POS	T OFFICE®						H 18. STATE
	rtheast of Azte	c, New Mex					San J		New Mexi
15. DISTANCE FROM PROPO LOCATION TO NEAREST	T		16. NO. OF A	CRES IN LE.	ABE		DF ACRES HIS WELL	, /	
PROPERTY OF LEASE L (Also to nearest drig	g. unit line, if any)		10				N	/ 010	
18. DISTANCE FROM PROP TO NEAREST WELL, D	RILLING, COMPLETED,		19. PROPOSED	DEPTH		20. ROTA	RY OR CAL	ILE TOOLS	
OR APPLIED FOR, ON THE 21. REEVATIONS (Show who			8237				1 22	Rotary	VORK WILL START*
6650' GR	Euler Dr. MI, UM, EU.)				-			15, 1979	
23.	T	PROPOSED CASE	NG AND CEMI	ENTING P	ROGRAM		piay 1	13, 13/3	·
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER P		TTING DEPT			QUAI	NTITY OF CEM	ent
12-1/4"	9-5/8"	36#		300'		189	cu. f	it.	
8-3/4"	7"	20#		6231'				ft.(1st	
								ft. (2nd	stage)
6-1/4"	4-1/2"	10.5#	6081	-8237'	1	380	cu. f	it.	
	2-3/8'' 1-1/2''	4.7# 2.76#		8200'					
Surface formati	ion is San Jose			6000'					
	no sand is at 1								×1
	d Cliffs sand i								•
Fresh water mud	d will be used	to drill fr	rom surfac	e to i	nterme	ediat	e tota	l depth	•
	111 ho	drill from	intermed						
An air system w	will be used to			liate d	epth t	to to	tal de	pth.	
An air system w It is anticipat	ted that a GR-D	ensity and	an IES lo	og will	be ru	ın at	inter	mediate	
An air system w It is anticipat It is anticipat	ted that a GR-Do ted that a GR-Do	ensity and ensity and	an IES lo a GR-Indu	g will ction	be ru log wi	in at	inter e run	mediate at tota	l-depth.
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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	All distances m	ust be from the	outer boundaries	of the Section.
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		An artenete mart of			
		1777	DEPOR MECA		Well No.
SOUTHLAND Unit Letter	ROYALTY COMPA	NY Township	REESE MESA	County	
C	13	32N	BW	SAN JUAN	
Actual Footage Loc	· · · · · · · · · · · · · · · · · · ·		!		
940	1000 11000 010	rth line and	1430 fee	t from the West	line
Ground Level Elev:			Pool	/	Dedicated Acreager
6650	Mesaverde		Blanco-Basin		320 Acres
1. Outline th	ne acreage dedicat	ted to the subject w	ell by colored pencil	or hachure marks	on the plat below.
	han one lease is nd royalty).	dedicated to the wel	l, outline each and ide	entify the owners!	nip thereof (both as to working
		ifferent ownership is nitization, force-pool		have the interest	s of all owners been consoli-
Yes	No If an	swer is "yes," type o	of consolidation		<u></u>
	is "no," list the of f necessary.)	owners and tract desc	riptions which have a	ctually been cons	olidated. (Use reverse side of
	-	d to the well until al	interests have been	consolidated (by	communitization, unitization,
	-			•	been approved by the Commis-
sion.	-		-		-
					CERTIFICATION
				1 hei	reby certify that the information con-
					ed herein is true and complete to the
T		.		best	of my knowledge and belief.
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	-			Name	
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	14301			Positio	\mathbf{V}^{+}
F			1	Compa	ict Production Manager
		#	1		land Royalty Company
	1		- +	Date	
.7.	ļ		1	May 1	, 1979
22		8	, v		
	NM - 6892	Sec			reby certify that the well location
	141 - 0034	·	1		n on this plat was plotted from field
à		13			s of actual surveys made by me or
	I		د ا		r my supervision, and that the same
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Ľ.,		NRUSS		tell and	Land Surveyor
		5214.66		J at	is Btens
		*: • 6	A A COLO		B. Kerr Jr.
Sci	ale: 1"=1320'		and the second sec	395	

DRILLING SCHEDULE - REES	SE MESA #5			
Location:940' FNL & 1430'	FWL, Sec. 13, T32N	I, R8W, San Ju	an County, New Mexico	
Field: Blanco Mesaver	rde/Basin Dakota	Elev	vation: 6650' GR	
Geology:				
Formation Tops:	Ojo Alamo Fruitland Pictured Cliffs	1712' 2532' 3497'	Cliff House 5337' Point Lookout 5831' Intermediate depth 6231' Total Depth 8237'	
Logging Program:	GR-Density and I GR-Density and G	ES at interme GR-Induction a	diate total depth. at total depth.	
Coring Program:	None			
Natural Gauges: Drilling:	Gauge at last connection above Cliff House, Point Lookout and total depth. Gauge any increase in gas flow.			
Contractor:		Tool	Pusher:	

SRC Representative:		25-1841 25-7391
Mud Program:	Fresh water mud from surface to Intermediate to	tal depth.

Air from intermediate to total depth.

Materials:

Casing Program: Hole Size		Depth Casing Size		Wt. & Grade	
	12-1/4"	300'	9-5/8"	36#	K-55
	8-3/4"	6231'	7"	20#	K-55
	6-1/4"	6081'-8237'	4-1/2"	10.5#	K-55

Float Equipment:

9-5/8" Surface Casing: Pathfinder, type "A", guide shoe.

- 7" Intermediate Casing: Pathfinder, type "A", guide shoe. Pathfinder self-fill insert float valve. Five (5) Pathfinder rigid centralizers. Run float 2 joints above shoe. Run centralizers every other joint above shoe. Stage tool at 3850'. Petal basket two jts under stage tool. Centralizers (5) run every other joint above stage tool.
- 4-1/2" Liner: Pathfinder, type "AP", guide shoe. Pathfinder, type "A", flapper float collar. Liner hanger will have tie back capability for 4-1/2" casing.

Tubing:

Wellhead Equipment: 9 5/8" X 10", 2000# casing head. 10", 2000# X 6", 2000# tubing head. DRILLING SCHEDULE - REESE MESA #5 Page 2

Cementing:

9 5/8" surface casing: 189 cu. ft. 160 sx Class "B" with 1/4# gel flake per sack and 3% CaCl₂ (100% excess).
7" intermediate casing: 1st stage: 536 cu. ft. 320 sx 50/50, Class "B", Poz with 6% gel. Mix with 7.2 gals water per sack to weigh 12.85 ppg. Tail in with 50 sacks of Class "B" with 2% CaCl₂. If lost circulation occurs, add 1/4# cello flake per sack (50% excess to cover Ojo Alamo).
2nd stage: 484 cu. ft., 325 sxs 50/50 Class B Poz with 6% Gel. Mix with 7.2 gals H₂0 per sack to weigh 12.85 PPG.

4 1/2" liner:

 $\frac{380}{\text{with}}$ cu. ft. Precede cement with 20 bbls. gelled water. Cement with $\frac{255}{255}$ sx of 50/50, Class "B", Poz with 6% gel, 1/4# cello flake and .6% Halad 9. Mix cement with 7.2 gals water per sack to weigh 12.85 ppg (70% excess).

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



United States Geological Survey P. O. Box 959 Farmington, New Mexico 87401

Attention: Mr. P. T. McGrath

Dear Sir:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein be performed by Southland Royalty Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Datas			
Date:	More 1	L. 1979	
	Mav I	19/9	

Name ran

Title: District Production Manager



May 1, 1979

United States Geological Survey P. O. Box 959 Farmington, New Mexico

Attention: Mr. P. T. McGrath

Dear Sir:

Enclosed please find a map showing existing roads and planned access roads to Southland Royalty Company's Reese Mesa #5 well. The locations of tank batteries and flow lines will be on location with well. A burn pit will be provided for disposal of trash. Cuttings, drilling fluid and produced fluids will be put into the reserve pit and properly disposed of depending on amount and type of fluids.

Contractor will furnish restroom facilities on location.

There will be no air strips or camps.

Also, encolsed is a location layout showing approximate location of rig, pits and pipe racks and cut required to build this location.

Water supply will be an irrigation ditch from the Pine River.

The location will be restored according to Bureau of Land Management standards. This work will begin when all related construction is finished.

Mr. Ross Lankford will be Southland Royalty Company's field representative supervising these operations.

Yours truly,

L. O. Van Ryan District Production Manager

LOVR/dg

P.O. DRAWER 570 (505) 325-1841 FARMINGTON, NEW MEXICO 87401



May 1, 1979

United States Geological Survey P. O. Box 959 Farmington, New Mexico

Attention: Blowout Preventer Plan

Dear Sir:

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.

All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested frequently enough to insure proper operation.

Yours truly,

L. O. Van Ryan District Production Manager

LOVR/dg





