NO. OF COPIES RECEIVED	\leq		SO-095-340 NEW MEXICO OIL CONSERVATION COMMISSION Form C-101								
DISTRIBUTION			NEW	MEXICO OIL (CONSER	VATION COMMISSIO	N	Form C-101 Revised 1-1-65			
SANTA FE								5A. Indicate	Type of Lease		
FILE								STATE	TEE X		
u.s.g.s.	2							.5. State Oll	& Gas Lease No.		
LAND OFFICE	<u>L.,</u>										
OPERATOR	/							TITTI	THITTITITI		
		 		DEL DEE	DEN C	D DI UC BACK					
	LION	I FOR PL	ERMIT TO	DRILL, DEE	PEN, C	R PLUG BACK		7. Unit Agre	ement Name		
1a. Type of Work							L3				
DRILL	\mathbf{x}			DEEPEN 🗌		PLUG	BACK	8. Form or L	ease Name		
b. Type of Well					5	ZONE X	ZONE	Sategna	1		
OIL GAS WELL	LXI	071	HER			ZONE IA.	20HE 1	9. Well No.			
2. Name of Operator								#2E	<u> </u>		
Southland I	50Ås	alty Co	mpany					10. Field on	d Pool, or Wildcat		
3. Address of Operator	_	D-		NTM 0740	1			Basin D	akota		
P. O. Drawe	er :	5/U, Fa	mungton	1, INM 0740.	<u> </u>	South) LINE	TITITI			
4. Location of Well	ETTER	·	J Loc	ATED	FE	ET FROM THE SOUT					
					21 TW	P. 29N REE. 1	W NMPM				
AND 18001 FEET FI	TMOS	HE East	TTTTT.		inn	HIIIIII	mm	12. County			
	ill.							San Jua	n ()))))))		
<i>HHHHHH</i>	H	4444	4444	****	4444	HHHHH					
44444444	#	4444	+++++	++++++	11/4/19	. Proposed Depth	19A. Formatio	n	20. Rotary or C.T.		
						6300 '	Dakot	a	Rotary		
21. Elevations (Show whether	DF, I	RT, etc.)	21A. Kind	& Status Plug. I	Bond 21	B. Drilling Contractor		B.	. Date Work will start		
5423' GR								March	15, 1980		
23.			_ !			SEMENT BROCKAN					
			Р	ROPOSED CASI	ING AND	CEMENT PROGRAM	·		T		
SIZE OF HOLE		SIZE OF	CASING	WEIGHT PER	R FOOT	SETTING DEPTH		CEMENT	EST. TOP		
12 1/4"			5/8"	24#		200'	140_Sac		Circ to surface		
7 7/8"	T		1/2"	10.5	#	6300'	265_Sac	ks_(#1)_	Cover Gallup		
							315 Sac	ks (#2)	Cover Cliff Hous		
•	j			Į.		I	`255 Sac	ks (#3)	Cover Ojo Alamo		
Surface for	mat	tion is	Nacimie	ento.							
Top of Ojo	Alā	emo san	d is at	665'.					.•		
Top of Maca	a 17c	spara	nd is at	3145'.							
77		-ai11	bo ucod	+o drill	from	surface to Tot	tal Deptr	l. 3-1-1 Der	lab		
The in antic	sin:	at foot	at an TF	'S and GR-I	Densit	A TOO MITT DE	Iun ac i	total per	/LII•		
It is anticipated that an IES and GR-Density log will be run at Total Depth. No abnormal pressures or poisonous gases are anticipated in this well. No abnormal that this well will be drilled before August 31, 1980. This depends											
It is expected that this well will be drilled before August 31, 1900.											
on time required for approval, rig availability and the weather.								A Partie			
Cas is dedicated.											
FOR 90 DAYO VALESS PORT OF A TOTAL							_ A 4 6 7 7 1				
				•	D ELLERI W	and the second of the second o		I DE	CID Dia		
				et Menios	ner 7	-9-80		100	COR. COM.		
				EVL	(LT) water	ener metrodo com com metrom monocumo (pero efer L	\$ c,	/Oir	nist. 3		
and an or occorre	- D D	ABASED B	ROGRAM: IF	PROPOSAL IS TO I	DEEPEN OR	PLUG BACK, GIVE DATA	ON PRESENT PR	ODUCTIVE ZONI	PROPOSED EW PRODUC		
TIVE ZONE, GIVE BLOWOUT PRET	VENTE	ER PROGRAM	, IF ANY.								
I hereby certify that the inform	matio	m above is	true and com	plete to the best	of my kn	owledge and belief.					
11/1 Va		/J/- /	,	Tiola Die	strict	Engineer		Date	i–79		
Signed 7/1/		100		_ InteDT							
(This space	for S	State Use)						חבו	0 1 0 1979		
7	1.	= d	()	DEPU	TY OIL A	GAS MISTERIAL DE	*. · *	חבו	T A late		
APPROVED BY DAGS	<u>K</u>	<u>, O</u>	" wy	TITLE	- 40120 (And HENGLERS IN	31. #3	DATE			

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVIDION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107 Fevised 10-1-78

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

Just Letter J Section Township J 21 29N Actual Footage Location of Well: 1710 feet from the South line and From the South Producing Formation Poor	Basin Dakota by colored pencil cutline each and ide icated to the well, etc? onsolidation cions which have a	entify the ownersh , have the interest actually been cons consolidated (by ach interests, has	solidated. (Use reverse side of
Softman North Section J 29N In a cond In a	1800 see 11W 1800 see 11W 1800 see 11W Basin Dakota by colored pencil coutline each and identificated to the well, etc? Insolidation sectors which have a sector have been	San Juan The from the East or hachure marks entify the owners have the interest actually been cons consolidated (by ach interests, has	Dedicated Acreage: Acres on the plat below. hip thereof (both as to working as of all owners been consolited) colidated. (Use reverse side of communitization, unitization, been approved by the Commis-
J 21 29N Secolar Secolar Secolar Secolar Secolar	1800 feed Basin Dakota by colored pencil coutline each and ide icated to the well, etc? consolidation	or hachure marks entify the ownersh have the interest actually been consciously ich interests, has	Dedicated Acreage: Acres on the plat below. hip thereof (both as to working as of all owners been consolited) colidated. (Use reverse side of communitization, unitization, been approved by the Commis-
1710 Seet Producing Formation Power	Basin Dakota by colored pencil continue each and identificated to the well, etc? consolidation cions which have a	or hachure marks entify the owners! , have the interest actually been consciously deep consciously ich interests, has	Dedicated Acreage: Acres on the plat below. hip thereof (both as to working as of all owners been consolited) colidated. (Use reverse side of communitization, unitization, been approved by the Commis-
1710 feet from the South line cand Frequency South Producing Formation Post South Dakota Post 1. Outline the acreage dedicated to the subject well 2. If more than one lease is dedicated to the well, or interest and royalty). 3. If more than one lease of different ownership is ded deted by communitization, unitization, force-pooling. Yes No If answer is "yes," type of countries form if necessary.) No allowable will be assigned to the well until all interest forced-pooling, or otherwise) or until a non-standard unsion. Sec. Sec. Sec. FEE	Basin Dakota by colored pencil continue each and identificated to the well, etc? consolidation cions which have a	or hachure marks entify the owners! , have the interest actually been consciously deep consciously ich interests, has	Dedicated Acreage: Acres on the plat below. hip thereof (both as to working as of all owners been consolited) colidated. (Use reverse side of communitization, unitization, been approved by the Commis-
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Sec. 21	 		CERTIFICATION
PEE FEE	1		
FEE		Name Posit Comp Date	urtis C. Parsons District Engineer
· · · · · · · · · · · · · · · · · · ·	1800'	Date No Regis	or Lind Surveyor 0. 39-10
			950
0 830 660 -90 1320 1650 1980 2310 2640 2000		Certi	

SOUTHLAND ROYALTY COMPANY - DRILLING SCHEDULE

SATEGNA #2E

1710' FSL & 1800' FEL Section 21, T29N, RllW San Juan County, New Mexico

Elevation: 5423' GR Field: Basin Dakota

Geology:

5185' Gallup 665' Formation Tops: Ojo Alamo 5985 Graneros 1295' Fruitland 6113' Dakota 1575 Pictured Cliffs 6300' Total Depth 3145' Cliff House 3925' Point Lookout

Logging Program: IES and GR-Density from Total Depth to surface casing.

Drilling:

Contractor:

Tool Pusher:

SRC Representative:

SRC Answering Service: 325-1841

Dispatch Number: 325-7391

Mud Program: Fresh water to 5100'. Mud up at 5100'. Maintain mud weight of 8.9 to 9.4, viscosity of 35 to 40 sec, water loss of 10 to 12.

Materials:

Casing Program:	Hole Size	Depth	Casing Size	Wt. &	Grade
Cashing 110g2	12 1/4"	200 '	8 5/8"	24#	K-55
	7 7/8"	6300'	4 1/2"	10.5#	K-55

Float Equipment:

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

4 1/2" Production Casing: Pathfinder type "A" guide shoe. Self-fill flapper type float collar run one joint above shoe. Run 5

Pathfinder bow-type stabilizers every other joint above shoe. Run Dowell stage tools at 4300' and 1775'. Run one cement basket below and 5 Pathfinder rigid

stabilizers above each tool.

Wellhead Equipment: 8 5/8" x 10", 2000# casing head with 4 1/2" casing hanger

6", 2000# x 10", 2000# tubing head and tree

Cementing:

8 5/8" Surface Casing: 140 sacks (165 cu. ft.) of Class "B" with 1/4# gel flake per sack and 3% CaCl2. WCC 12 hours. Test to 600# prior to drilling out. (Volume is 100% excess.)

4 1/2" Production Casing:

STAGE ONE: 215 sacks (317 cu. ft.) of 50/50 Poz with 6% gel, 1/4# gel flake per sack, followed by 50 sacks of neat with 2% CaCl₂. (Volume is 25% excess to cover top of Gallup.)

STAGE TWO: 265 sacks (395 cu. ft.) of 50/50 Poz $\frac{1}{2}$ w/6% gel, followed by 50 sacks of neat with 2% CaCl₂. (Volume is 50% excess to cover top of Cliff House.)

STAGE THREE: 255 sacks (379 cu. ft.) of 50/50 Poz $\sqrt{6}$ gel. (Volume is 50% excess to cover top of Ojo Alamo.)

WOC and circulate between stages as required by well conditions.

L. O. Van Rayan District Production Manager



December 4, 1979

Oil Conservation Division Mr. Al Kendrick 1000 Rio Brazos Road Aztec, NM 87410

RE: 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 pressure.

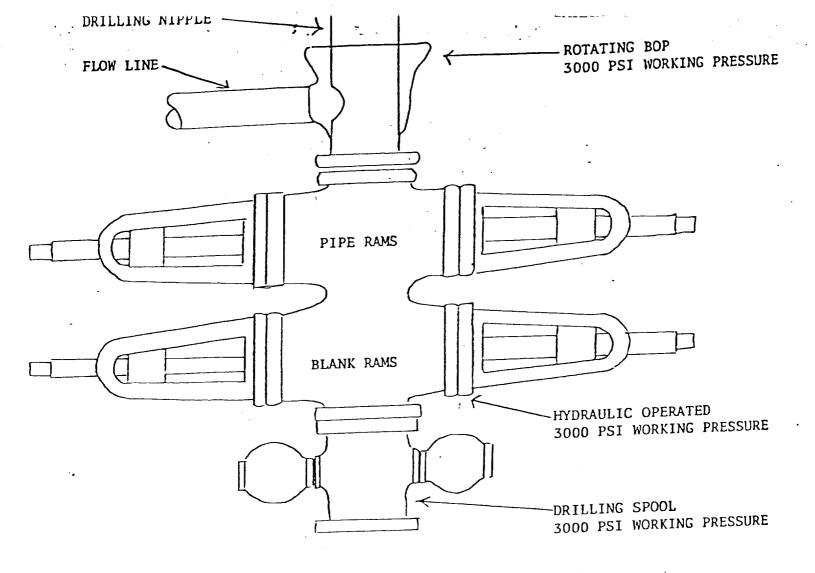
All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested frequently enough to insure proper operation.

Yours truly,

Curtis C. Parsons

District Engineer

CCP/ke



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