# SUBMIT IN TRIPLICATE.

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-B1425.

# UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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5.	LEAS	E DESIGN	ATION	AND	BERIA	L NO.
Ji	icar	rilla	Cor	itra	ct	#416
6.	IF IN	DIAN, AI	LOTTE	B OB T	RIBE	NAME

No abnormal pressures or poisonous gases are anticipated.  It is expected that this well will be drilled before November 31, 1979.  This depends on time required for approvals, rig availability and the weather.  Cas is dedicated.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productions. Give blow zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any.  24.  CITIE District Production Manager DATE 10-2-79  TITLE District Production Manager DATE 10-2-79  APPROVED BY	APPLICATION	N FOR PERMIT T	O DRILL, DEI	EPEN, OR F	LUG B	ACK	6. IF INDIAN, ALLOTT	ED OR TRIBE NAME	
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Southland Royalty Company  Southland Royalty Company  P. O. Drawer 570, Farmington, NM 87401  P. O. Drawer 570, Farmington, NM 87401  Interaction of weak (Report location clearly and in secondance with any finite requirements.*)  At proposed prod. tools  At proposed prod. tools  Southland Royalty Company  A west Lindrith Callup-  Southland Royalty Company  #55  #55  #56  P. O. Drawer 570, Farmington, NM 87401  At proposed prod. tools  Southland Royalty Formation  Southland Ro			<u> </u>	SINGLE (=)	MULTIP	LB []	S. FARM OR LEASE N.	AME	
Southland Royalty Company  Southland Royalty Company  P. O. Drawer 570, Farmington, NM 87401  In received water (Report lection clearly and in accordance with any State requirements.)  At proposed prod. Some  4. Destruct 1980 ' ESL & 790' FEL  At proposed prod. Some  5. Southon 25, T24N, RdW  12. COUNTY ON PARKET  5. Southon 25, T24N, RdW  12. COUNTY ON PARKET  5. Southon 25, T24N, RdW  12. COUNTY ON PARKET  5. Southon 25, T24N, RdW  12. COUNTY ON PARKET  5. Southon 25, T24N, RdW  12. COUNTY ON PARKET  5. Southon 25, T24N, RdW  13. South Co. 25, T24N, RdW  14. Destruct 1980 Processor  5. Destruct 1980 Processor  7. Destruct 1980 Processor  7. Destruct 1980 Processor  7. Destruct 1980 Processor  7. Destruct 1980 Processor  8. Destruct 1980 Processor  8. Destruct 1980 Processor  7. Destruct 1980 Processor  8. Destruct 1980 Processor  8. Destruct 1980 Processor  7. Destruct 1980 Processor  8. Destruct 1980 Processor  7. Destruct 1980 Processor  8. Destruct 1980 Processor  7. Destruct 1980 Processor  8. Destruct 1980 Processor  9. Destruct 1980 Processor  10. Destruct 1980 Processor  11. Destruct 1980 Processor  12. Destruct 1980 Processor  13. Destruct 1980 Processor  14. Destruct 1	OIL X	VELL OTHER							
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DISTANCE FROM PROPOSED ' LOCATION TO NEAREST PROPOSED LOCATION' (Also to served dry, until line, if say) 660'  19. PROPOSED DEPTH 7584'  20. BOTAL OR CALLE TOOLS  ROCATLY  27584'  27150'  11. REVANDORS (Show whicher FF, RT, GR, etc.)  11. REVANDORS (Show whicher FF, RT, GR, etc.)  12. 1/4" 8 5/8"  12. 1/4" 8 5/8"  12. 1/4" 8 5/8"  12. 1/4" 10.5\frac{1}{2} 0'-7000'  7.7/8" 4 1/2" 10.5\frac{1}{2} 0'-7000'  7.7/8" 4 1/2" 10.5\frac{1}{2} 0'-7000'  20. BOTAL OR CALLE TOOLS  ROCATLY  22. APPROV. DATE WORK WILL STAN  OCTOBER 31, 1979  22. APPROV. DATE WORK WILL STAN  OCTOBER 31, 1979  22. APPROV. DATE WORK WILL STAN  OCTOBER 31, 1979  22. APPROV. DATE WORK WILL STAN  OCTOBER 31, 1979  22. APPROV. DATE WORK WILL STAN  OCTOBER 31, 1979  22. APPROV. DATE WORK WILL STAN  OCTOBER 31, 1979  22. APPROV. DATE WORK WILL STAN  OCTOBER 31, 1979  22. APPROV. DATE WORK WILL STAN  OCTOBER 31, 1979  12. APPROVAL DATE  OCTOBER 31, 1979  12. APPROVAL DATE  OCTOBER 31, 1979  12. APPROVAL DATE  OCTOBER 31, 1979  13. OCTOBER 31, 1979  14. APPROVAL DATE  OCTOBER 31, 1979  15. APPROVAL DATE  OCTOBER 31, 1979  16. OCTOBER 31, 1979  17. APPROVAL DATE  OCTOBER 32, APPROVAL DATE  OCTOBER 31, 1979  17. APPROVAL DATE  OCTOBER 32, APPROVAL DATE  OCTOBER 31, 1979  17. APPROVAL DATE  OCTOBER 32, APPROVAL DATE  OCTOBER 32, APPROVAL DATE  OCTOBER 31, 1979  17. APPROVAL DATE  OCTOBER 32, APPROVAL DATE  OCTOBER 32, APPROVAL DATE  OCTOBER 31, 1979  17. APPROVAL DATE  OCTOBER 32, APPROVAL DATE  OCTOBER 31, 1979  17. APPROVAL DATE  OCTOBER 32, APPROVAL	4. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POST OF	rrice* Movi				1	
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The reparting for, on the lease, Fr. (B. 4e)  11. Elepations (Show whether DF, Rt. (B. 4e)  7150' GR  PROPOSED CASING AND CEMENTING PROGRAM  BIRE OF HOLE  SHE OF CABING  SHE OF CABING  BIRE OF HOLE  SHE OF CABING  12. 1/4"  8. 5/8"  24#  200'  165 Cu. Ft.  7. 7/8"  4. 1/2"  10.5#  7. 700'-7584'  326 Cu. Ft 2rd Stage  Surface formation is San Jose.  Top of Ojo Alamo sand is at 2494'.  Top of Point Lookout sand is at 3144'.  Top of Point Lookout sand is at 5234'.  Fresh water mud will be used to drill from surface to Total Depth.  Fresh water mud will be used to drill from surface to Total Depth.  It is anticipated that an IES and Gr-Density log will be run at Total Depth.  It is expected that this well will be drilled before November 31, 1979.  It is expected that this well will be drilled before November 31, 1979.  Gas is dedicated.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productions.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productions.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productions.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productions.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productions.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productive sone and propos	O DISTANCE PROM PRO	POSED LOCATION®	19		i	ZU. RUTA			
PROPOSED CASING AND CEMENTING PROGRAM  PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE SIZE OF CABING WEIGHT PER POOT SETTING DEFTH OCANTITY OF CEMENT  12 1/4" 8 5/8" 24# 200' 165 CL. Ft.  7 7/8" 4 1/2" 10.5# 0'-7000' 725 CL. Ft. 1st Stage  7 7/8" 4 1/2" 11.6# 7000'-7584' 326 CL. Ft. 2rd Stage  Surface formation is San Jose.  Top of Ojo Alamo sand is at 2494'.  Trop of Point Lookout sand is at 3144'.  Top of Point Lookout sand is at 5234'.  Presh water mud will be used to drill from surface to Total Depth.  It is anticipated that an IES and Gr-Pensity log will be run at Total Depth.  It is expected that this well will be drilled before November 31, 1979.  It is expected that this well will be drilled before November 31, 1979.  This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  IN ABOVE BFACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productions. If any.  THE DISTRICT Production Manager DATE 10-2-79  (This space for Federal or State office user)  PERMIT NO.  APPROVAL DATE  OCAL THE DISTRICT Production Manager DATE 10-2-79  (This space for Federal or State office user)  PERMIT NO.  APPROVAL DATE  OCAL THE DISTRICT Production Manager DATE 10-2-79  (This space for Federal or State office user)  PERMIT NO.  APPROVAL DATE  OCAL THE DISTRICT Production Manager DATE 10-2-79  (This space for Federal or State office user)  PERMIT NO.  APPROVAL DATE  OCAL THE DISTRICT Production Manager DATE 10-2-79  (This space for Federal or State office user)  PAFE 1 10-2-79  (This space for Federal or State office user)	OR APPLIED FOR, ON T	HIS LEASE, FT. 23.	32' <u> </u>	/ 304		<u> </u>		WORK WILL START	
BILE OF HOLE  BILE OF HOLE  12 1/4"  8 5/8"  24#  200'  165 CL. Ft.  7 7/8"  4 1/2"  10.5#  0'-7000'  725 CL. Ft 1st Stage  7 7/8"  4 1/2"  11.6#  7000'-7584'  326 CL. Ft 2nd Stage  Surface formation is San Jose.  Top of Ojo Alamo sand is at 2494'.  Top of Pictured Cliffs sand is at 3144'.  Top of Point Lookout sand is at 5234'.  Fresh water mud will be used to drill from surface to Total Depth.  It is anticipated that an IES and Gr-Density log will be run at Total Depth.  It is expected that this well will be drilled before November 31, 1979.  This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  IK ANOVE SPACE DEACHIEF PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive some and proposed new produce of the proposal is to drill or deepen directipabily, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program. If any.  24.  SIGNED  TITLE District Production Manager DATE 10-2-79  (This space for Federal or State office use)  PERMIT NO.  APPROVAL DATE  Opate 4 1/2"  TITLE  APPROVAL DATE  Opate 4 1/2"  TITLE  APPROVAL DATE  Opate 4 1/2"  TITLE  Opate 5 1/2"  TOPOON TO APPROVAL IN ANT:	1. ELEVATIONS (Show w	nether DF, RT, GR, etc.)	ar.				1		
BIE OF HOLE    SUE OF CABING   WEIGHT PER POOT   SETTING DEPTH   QUANTITY OF CEMENT							October 31	, 1919	
12 1/4" 8 5/8" 24# 200' 165 Cu. Ft.  7 7/8" 4 1/2" 10.5# 0'-7000' 725 Cu. Ft 1st Stage  7 7/8" 4 1/2" 11.6# 7000'-7584' 326 Cu. Ft 2nd Stage  Surface formation is San Jose.  Top of Ojo Alamo sand is at 2494'.  Top of Pictured Cliffs sand is at 3144'.  Top of Point Lookout sand is at 5234'.  Fresh water mud will be used to drill from surface to Total Depth.  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 pressures or poisonous gases are anticipated in this well.  It is expected that this well will be drilled before November 31, 1979.  This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new production.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new production.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new production.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new production.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new production.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new production.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new production.  APPROVAL DATE  OUT 15 15  OUT 15	3.	P	ROPOSED CASING	AND CEMENTIN	G PROGR.	AM.			
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7 7/8" 4 1/2" 10.5# 0'-7000' 725 CM. Ft. Ist Stage 7 7/8" 4 1/2" 11.6# 7000'-7584' 326 CM. Ft. Ist Stage 7 7/8" 4 1/2" 11.6# 7000'-7584' 326 CM. Ft. Ist Stage Surface formation is San Jose.  Top of Ojo Alamo sand is at 2494'.  Top of Pictured Cliffs sand is at 3144'.  Top of Point Lookout sand is at 5234'.  Fresh water mud will be used to drill from surface to Total Depth.  Fresh water mud will be used to drill from surface to Total Depth.  No abnormal pressures or poisonous gases are anticipated in this well.  No abnormal pressures or poisonous gases are anticipated in this well.  It is expected that this well will be drilled before November 31, 1979.  It is expected that this well will be drilled before November 31, 1979.  This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  It proposal is to drill or deepen directionally gray pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program. If any.  **ITTLE District Production Manager Date 10-2-79  (This space for Federal or State office use)  **PERMIT NO.**  APPROVAL DATE 00.77  TITLE DISTRICT Production Manager Date 10-2-79  **ITTLE DISTRICT Production Manager Date 10-2-79  **ITTLE DISTRICT Production Manager Date 10-2-79		8 5/8"	24#			_	165 Cu. Ft.	1-t Chago	
Surface formation is San Jose. Top of Ojo Alamo sand is at 2494'. Top of Pictured Cliffs sand is at 3144'. Top of Point Lookout sand is at 5234'. Fresh water mud will be used to drill from surface to Total Depth. Fresh water mud will be used to drill from surface to Total Depth. 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. It is expected that this well will be drilled before November 31, 1979. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productione. If proposal is to drill or deepen directionally, grop pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program. If any.  TITLE District Production Manager DATE 10-2-79  (This space for Federal or State office use)  APPROVAL DATE 00 TITLE DISTRICT PRODUCTION Manager DATE 10-2-79  TITLE DISTRICT PRODUCTION MANAGER DATE 10-2-79  APPROVAL DATE 00 TITLE DISTRICT PRODUCTION MANAGER DATE 10-2-79  APPROVAL DATE 00 TITLE DISTRICT PRODUCTION MANAGER DATE 10-2-79			10.5#			_	725 Cu. Ft	1st Stage	
Surface formation is San Jose. Top of Ojo Alamo sand is at 2494'. Top of Pictured Cliffs sand is at 3144'. Top of Pictured Cliffs sand is at 5234'. Fresh water mud will be used to drill from surface to Total Depth. Fresh water mud will be used to drill from surface to Total Depth. 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. It is expected that this well will be drilled before November 31, 1979. This depends on time required for approvals, rig availability and the weather. Gas is dedicated.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new production. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if sny.  TITLE District Production Manager DATE 10-2-79  (This space for Federal or State office use)  APPROVAL DATE 00.7 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2		4 1/2"	11.6#	7000'-	-7584'		326 Cu. Ft	zna stage	
TITLE District Production Manager DATE 10-2-79  (This space for Federal or State office use)  APPROVED BY	Top of Pictur Top of Point Fresh water of It is anticip No abnormal of It is expect This depends	red Cliffs sand Lookout sand is mud will be used pated that an IE pressures or poi ed that this wel on time require	at 5234'. to drill from S and Gr-Den sonous gases	are antici	ipated	in this	s well.	AL (OLG GG DIET. 3	
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	zone. If proposal is to preventer program, if a 24.  (This space for Fe	lan Land	yar TITLE	District	Product				
~ <u>,                                   </u>			TITL			<u></u>		<del>_</del>	
1 T 1	CONDITIONS OF APPR	OVAL, IF ANY:							
	oh 5mh							٠	

#### Form C-102 kerised 10-1-78

### STATE OF NEW MEXICO LIVERGY AND MINERALS LIFT ARTMENT

# P. O. UOX 2088

SANTA FE, NEW MEXICO 87501

All distances must be from the cuter houndaries of the Section Well No. 5 Operator MEDIO CANYON SOUTHLAND ROYALTY COMPANY County Range Township Section Unit Letter Rio Arriba LW 21N Actual Footage Location of Well: East 790 line feet from the South line and 1980 feet from the Dedicated Acreage: Producing Formation Ground Level Elev. 160 Acres West Lindrith Gallup-Dakota 7150 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 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? 007 5 1979 If answer is "yes," type of consolidation \_ ☐ No Yes 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. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief District Production Manage Southland Royalty Company October 2, 1979 Sec. I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Septe 1000 500 2000 1500 1980 2310 2640 1320 1650 660 330

### SOUTHLAND ROYALTY COMPANY - DRILLING SCHEDULE

# MEDIO CANYON #5

1980' FSL & 790' FEL Section 25, T24N, R4W Rio Arriba, New Mexico

Field: West Lindrith Gallup-Dakota Elevation: 7150' GR

6354' Ojo Alamo 2494' Gallup Formation Tops: 7254' Pictured Cliffs 3144' Greenhorn 3984' 7317' Graneros Chacra Dakota 7379' 4744' Cliff House 7584' 5234' Total Depth Point Lookout

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

Drilling Contractor: Tool Pusher:

SRC Representative - SRC Answering Service 325-7391

Mud Program: Fresh water mud to 200'.

200' - 6000' low solids starch mud, 8.7 - 8.9 PPG, 34 - 38 vis,

8 - 10 cc water loss

6000' - TD reduce water loss to 5 - 6 cc.

### Casing Program:

Hole Size	Depth	Casing Size	Wt. & Gra	<u>de</u>
12 1/4"	200'	8 5/8"	24# K-	55
7 7/8"	0'-7000'	4 1/2"	10.5# K-	55
7 7/8"	7000'-7584'	4 1/2"	11.6# K-	55

### Float Equipment:

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

4 1/2" Production Casing - Pathfinder type "A" guide shoe. Pathfinder self-fill flapper type float collar 1 joint off bottom. Five Pathfinder rigid stabilizers (one every other joint above shoe). Dowell stage tool at 3450' with one cement basket below and 5 stabilizers above.

#### Tubing:

7584'of 2 3/8", J-55, EUE, 8 Rd tubing with seating nipple one joint off bottom.

## Wellhead Equipment:

 $8\ 5/8"\ X\ 10",\ 2000\ casing head <math display="inline">10",\ 2000\ X\ 6",\ 2000\ tubing head with donut for 2 3/8" tubing$ 

### Cementing:

8 5/8" Surface Casing - 140 sacks (165 cu. ft.) of Class "B" with 1/4# gel flake and 3% CaCl2. (100% excess to circulate to surface.) WOC for 12 hours and test to 600 psi before drilling out.

4 1/2" Production Casing - FIRST STAGE: 490 sacks (725 cu. ft.) of 50/50
Poz with 6% gel and 1/4# celloflake followed by
70 sacks (83 cu. ft.) of Class "B". (25% excess
to cover Mesa Verde.)
SECOND STAGE: 220 sacks (326 cu. ft.) of 50/50
Poz with 6% gel (50% excess to cover Ojo Alamo.)

Circulate through DV tool for 3 hours before cementing SECOND STAGE. Run temperature survey after 12 hours.

L. O. Van Ryan District Production Manager

CCP/ke



United States Geological Survey P. O. Box 1809 Durango, Colorado

Mr. Jerry Long Attention:

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.

Date: October 2, 1979

Title: District Production Manager



October 2, 1979

United States Geological Survey P. O. Box 1809 Durango, Colorado

Attention: Mr. Jerry Long

Dear Sir:

Enclosed please find map showing existing roads and planned access roads to Southland Royalty Company's Medio Canyon #5 well. The location 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, enclosed is a location layout showing approximate location of rig, pits, pipe racks and cut required to build this location.

Water supply will be water holes along the La Jara Wash . All water will be transported by truck and stored on location.

The location will be restored according to Bureau of Indian Affairs 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



October 2, 1979

United States Geological Survey P. O. Box 1809 Durango, Colorado

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.

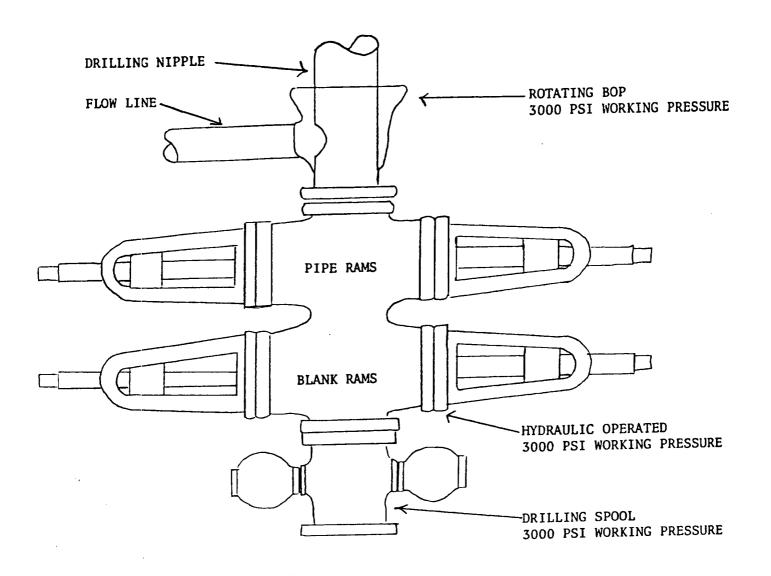
The preventer is 3000# working pressure and 6000# test.

All crews will be throoughly 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



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

