SUBMIT IN TRIPLICATE*

(Other instructions on

Form approved. Budget Bureau No. 42-R1425.

(May 1963)	UNIT DEPARTMENT	ED STATES OF THE INTER	reverse sid	E) 30 -039 - 230 45 5. LEASE DESIGNATION AND SERIAL NO.
	GEOLO	SF-078771		
	ION FOR PERMIT		N OR PLUG BA	4 CK 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
APPLICA I		7. UNIT AGREEMENT NAME		
b. TYPE OF WELL	DRILL 🖾	DEEPEN 🗆	WHERE	Rosa Unit
OIL WELL	GAS WELL X OTHER		NE ZONE	9. WELL NO.
Amoco Pr	oduction Company			67 10. FIELD AND POOL, OR WILDCAT
501 Airp	ort Drive, Farming	I In accordance		Basin Dakota 11. sec., T., R., M., or blk. AND SURVEY OR AREA
At proposed pro	L & 1510' FEL, Sec d. zone	E10n 14, 131N,	KOW	SW/4, NE/4, Section 14 T-31-N, R-6-W
14. DISTANCE IN M	Same liles and direction from NEA	REST TOWN OR POST OFFIC	E.	12. COUNTY OR PARISH 13. STATE
46.4 Mil	es Northeast of Bl	anco New Mexic		Rio Arriba NM 17. NO. OF ACRES ASSIGNED TO THIS WELL
LOCATION TO N	EAREST PAGE LINE, FT. 7	510'	2560.	320
	st drig. unit line, if any) A PROPOSED LOCATION* ELL, DRILLING, COMPLETED,	Į.	ROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
OR APPLIED FOR,	ON THIS LEASE, FI.	100'	8050 ′	Rotary 22. APPROX. DATE WORK WILL START*
	ow whether DF, RT, GR, etc.)			as soon as permitted
6365 ' G	· -	PROPOGED CASING AN	D CEMENTING PROGRA	
23.				QUANTITY OF CEMENT
SIZE OF HOL	E SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	300 SX cmt
13_3/4_	10_3/4	45# 35#	300 ' 3500 '	850 SX CMT
9 7/8	7 5/8	13.5#	8050 '	1200 SX CMT
6 3/4	4 1/2	15,57	1 0000	1
and sti		o be determined	rom study of C Additional info	ormation. Completion interval open hole logs. The acreage is mation required by NTL-6 Use Planary of the property of the prope
				MAY 8 1979
				U. S. GEOLOGICAL SURVEY DURANGO, COLO.
in above space i zone. If proposs preventer progra	il is to arm or dechen ancern	If proposal is to deepen of conally, give pertinent data	r plug beck, graduate on a on substrace location	nresent productive zone and proposed new productive and measured and true vertical depths. Give blowou
24.	R & Lachel	TITLE _	District Engine	er _{DATE} May 7, 1979
(This space	for Federal or State office use)			

PERMIT NO. ___

State.

TITLE .___

DATE ____

STATE OF NEW MEXICO LHERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION P. O. BOX 2088

Form C-102 Revised 10-1-78

SANTA FE, NEW MEXICO 87501

		All distance	s must be from	the cuter t	oundertes of th	e Section.			
Operator				Lease				Well No.	
AMOCO PRODUCTION COMPANY			ROSA UNIT		T		67	·	
	ction Li	Township 31N		Range 6W	•	Rio A	rri ba		
Actual Footage Location	<u> </u>					11.20 11.			
1520		orth	line and	1510،	fee	t from the	East	line	
Ground Level Elev.	Producing For	mation		Pool		<u> </u>		Dedicated Acreag	e;
6365	Dakota			Bas	n Dakota			320	Acres
1. Outline the a	_								to working
If more than interest and r If more than o	oyalty).								
dated by com	nunitization, u	ınitization	, force-pooli	ing. etc?				an owners bed	en conson-
Yes] No If a	iswer is	'yes,' type o	ot consolie	lation				
If answer is	'no," list the	owners an	d tract desc	riptions v	which have ac	tually be	en consolid	lated. (Use reve	rse side of
this form if ne									
								nmunitization, u	
• -	, or otherwise)	or until a	non-standar	d unit, el	iminating suc	h interest	s, has bee	n approved by th	ne Commis-
sion.							1		
					The state of the s			CERTIFICATIO	N
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	1			_		į		certify that the inf	
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	i i			15		1	best of r	ny knowledge and b	eilet.
	1	i				•	13,5	Jachull	
	· - 	. .					Norme R F F	FACKRELL	
	: (. 💩	1510'		Position	HORRED	
	1							CT ENGINEER	
	!		·				Company AMOCO I	PRODUCTION C	OMP ANY
	1	Se c .					Date APRIL 2	20, 1979	
	1		14		 -		1 6	y certify that the	well location
	i i				! •		1	n this plat was plot	
	i				1	1	i i	f actual surveys mi	
	1				!	1	under m	y supervision, and t	that the same
1	1				l 1		is true	and correct to the	best of my
	ļ.				The same of the sa		knowled	ge and belief.	
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	İ		The same of the sa	0.		1	Red	BARRET !	
L			1				Certificate	Be Kerroyr.	<u> </u>
0 330 660 90	1320 1650 19	30 2310 26	40 200	0 1500	'	500 0	3950	PED B. KERR. R.	
0 330 000 90	19	20			· -	_ <u></u>			

SUPPLEMENTAL INFORMATION TO FORM 9-331C REQUIRED BY NTL-6 ROSA UNIT NO. 67 1520' FNL & 1510' FEL, SECTION 14, T31N, R6W RIO ARRIBA COUNTY, NEW MEXICO

The geologic name of the surface formation is the Tertiary San Jose.

The estimated tops of important geological formations bearing hydrocarbons are:

		ELEVATION
FORMATION	DEPTH	ELEVATION
Pictured Cliffs Mesaverde Dakota	3100 ' 5300 ' 7850 '	+3278' +1078' -1472'

TD 8050'

Estimated KB elevation is 6378'

The casing program to be used will include all new casing:

The casing r	0			my DE
EST. DEPTH	CSG. SIZE	WEIGHT	HOLE SIZE	SACKS CEMENT - TYPE
300 3500 8050	10-3/4 7-5/8 4-1/2	45# 35# 13.5#	13-3/4 9-7/8 6-3/4	300 SX Class "B" 2% CaCL ₂ 750 SX Class "B" 50:50 Poz 100 SX Class "B" Neat 1100 SX Class "B" 50:50 Poz 100 SX Class "B" Neat

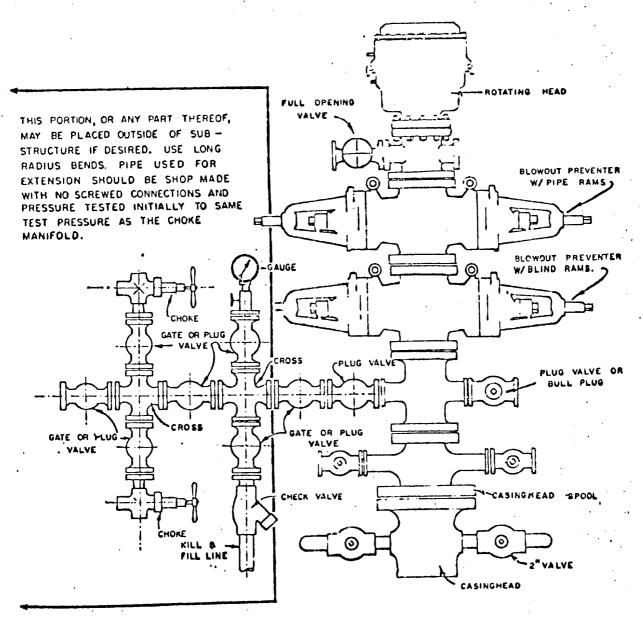
Amoco's standard blowout prevention will be employed; see attached drawing of our blowout preventer design.

Drilling fluid to TD will be a low solids non-dispersed mud system.

Amoco will run an Induction Electric Survey form TD to 300' and a Density-Gamma Ray Log form TD to 300'. No cores or drill stem tests will be taken.

In the past, drilling in this area has shown that no abnormal pressures, temperatures, nor hydrogen sulfide gas will be encountered.

We will start operations as soon as well is permitted, and a three-week operation is anticipated.



BLOWOUT PREVENTER HOOKUP

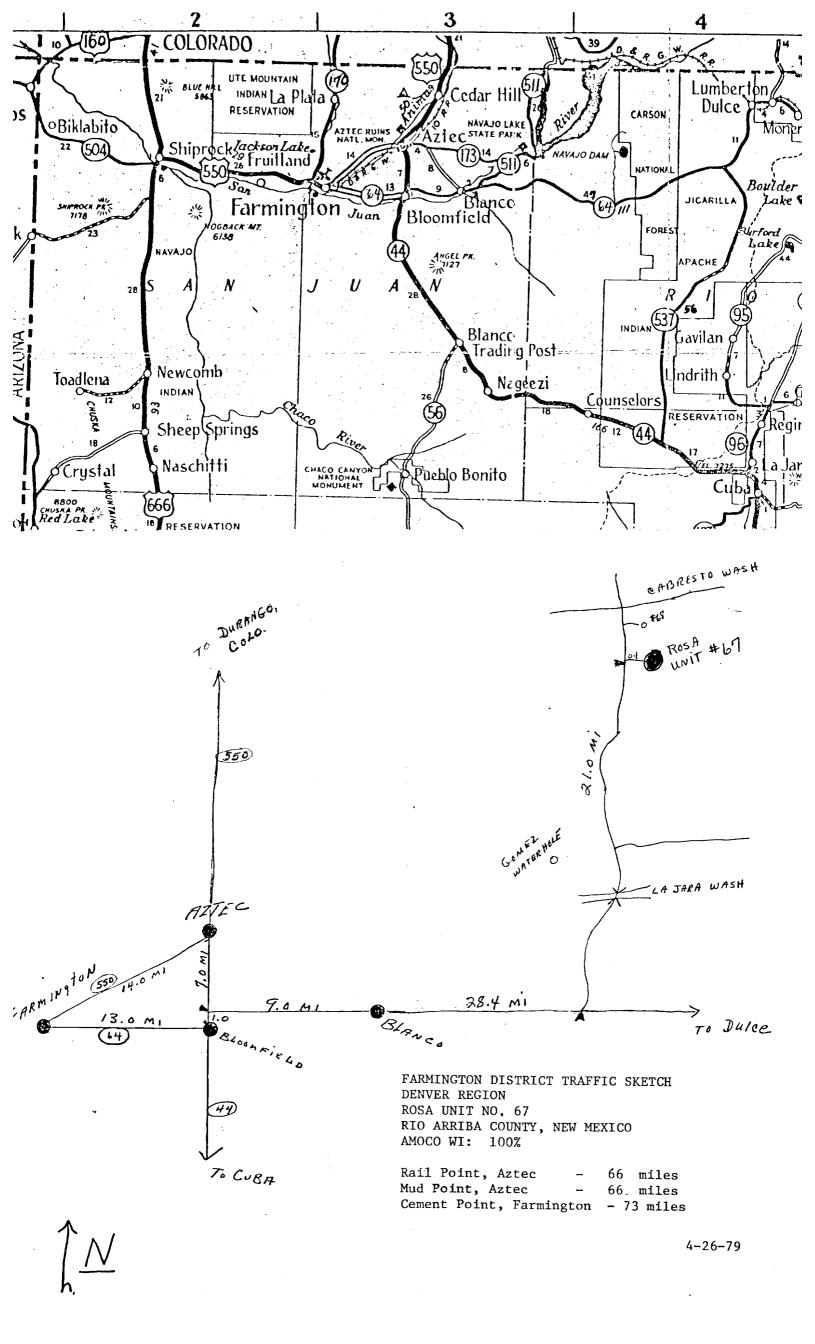
AMOCO PRODUCTION COMPANY

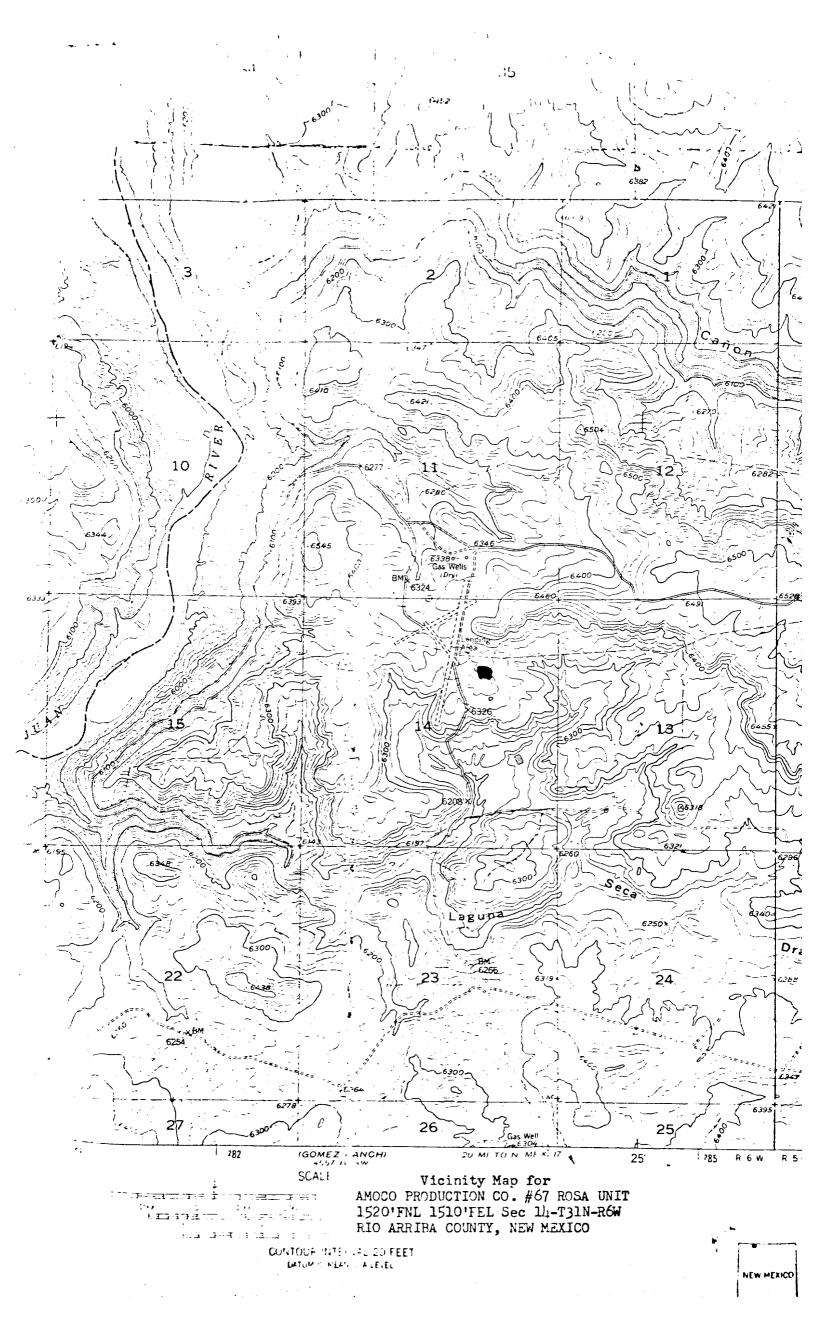
OCTOBER 16

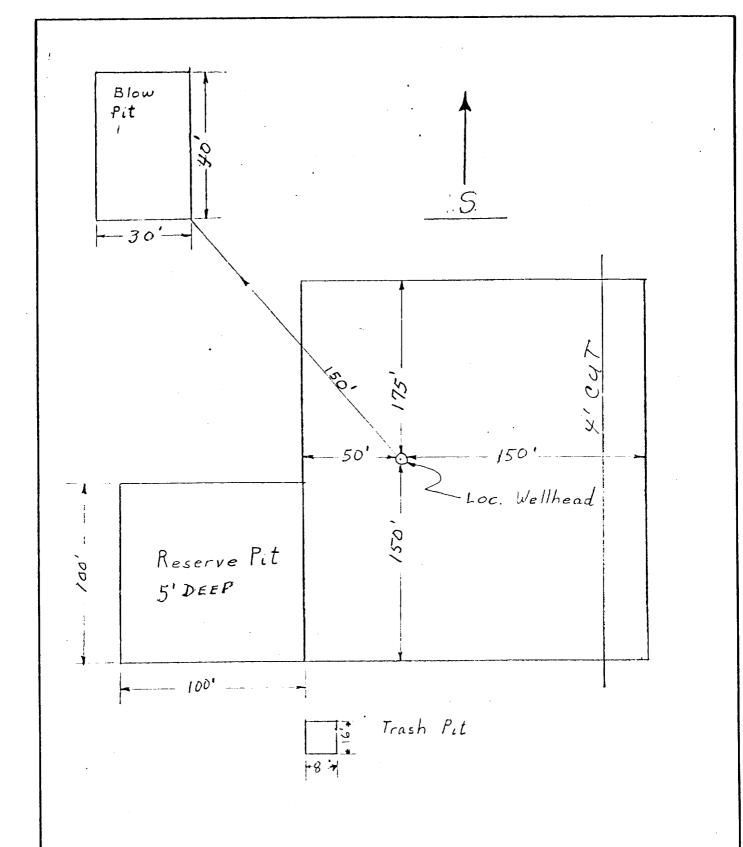
MULTI-POINT SURFACE USE PLAN

ROSA UNIT NO. 67 1520' FNL & 1510' FEL, SECTION 14, T31N, R6W RIO ARRIBA COUNTY, NEW MEXICO

- 1. The attached road map and sketch show the proposed route to the location and distances from towns.
- 2. It will be necessary to blade and improve one-tenth mile of road south of existing pipeline.
- 3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the vicinity map.
- 4. There is a pipeline 180 feet north of location; also, a dogleg 250 feet northwest which can be tied into for gas drilling.
- 5. Water will be hauled out of Amoco water holes 11 miles east.
- 6. No construction materials will be hauled in for this location. Will use existing material at location.
- 7. A 100' X 100' pit will be built on location to hold all drilling waste. Upon completion of well, all waste and liquid will be pumped out and fluids will be bladed into roads.
- 8. There are neither airstrips nor camps in the vicinity.
- 9. The well site layout, reserve, burn and trash pits are shown on the attached Drill Site Specification Sheet. A 4-foot cut will be made on west side.
- 10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of the well. Drainage ditches will be built to handle run-off. Reseeding of the site will be carried out as detailed in attached Seeding Plan.
- 11. The general topography and soil characteristics are fairly level terrain with sandy loam and vegetation consisting of a few cedar trees.
 - Representatives of the U. S. Geological Survey's Durango Office and Bureau of Land Management's Farmington Office inspected the site with Amoco personnel. Cultural resources inspection was conducted by Pam Smith, Archaeologist, from San Juan College.
- 12. A Certification Statement by Amoco's representative is included.







APPROXIMATELY 1.2 Acres

Amoco Production Company	SCALE: NONE
DRILLING LOCATION SPECS TROSA UNIT NO. 67	DRG. NO.

BLM SEEDING REQUIREMENTS IN THE FARMINGTON RESOURCE AREA

- 1. SEED MIXTURE 1
- 2. TIME:

All seeding will take place between July 1 and September 15.

3. EQUIPMENT:

Seeding will be done with a disc-type drill with two boxes for various seed sizes. The drill rows will be eight to ten inches apart. The seed will be planted not less than one-half inch deep or more than one inch deep. The seeder will be followed with a drag, packer, or roller to insure uniform coverage of the seed, and adequate compaction. Drilling will be done on the contour where possible, not up and down the slope. Where slopes are too steep for contour drilling, a "cyclone" hand seeder or similar broadcast seeder will be used. Seed will then be covered to the depth described above by whatever means is practical.

4. SPECIES TO BE PLANTED IN POUNDS PURE-LIVE SEED PER ACRE:

CRESTED WHEATGRASS (Agropyron desertorum) 2½ 1bs.

SMOOTH BROME (Bromus inermis)

2½ 1bs.

FOURWING SALTBUSH (dewinged) (Atriplex conescens) 1/2 lb.

NOMAD ALFALFA (Medicago sitiva)

1 lb.

ROSA UNIT NO. 67 1520' FNL & 1510' FEL, SECTION 14, T31N, R6W RIO ARRIBA COUNTY, NEW MEXICO

CERTIFICATION

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 be best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by AMOCO PRODUCTION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

May	7,	1979

Date

istrict Supt.

Amoco Production Company's Representative:

R. W. Schroeder

505-325-8841; Home: 505-325-6164 Phone: Office:

501 Airport Drive Address:

Farmington, NM 87401