SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

	approved		
Budget	Bureau	No.	42-R1425.

UNITE				
DEPARTMENT	OF	THE	INTERIOR	

()		TED STATES IT OF THE INT	reverse si	3 - 1	045-22384
		OGICAL SURVEY	ERIOR	5. LEASE D	ESIGNATION AND SERIAL NO.
APPLICATION			EPEN, OR PLUG B	ACK	IN, ALLOTTEE OR TRIBE NAME
a. TYPE OF WORK					GREEMENT NAME
b. TYPE OF WELL	LL 🏝	DEEPEN 🗌	PLUG BAC	IK []	MADERI ARE
OIL 📆 G.	AS OTHER		SINGLE MULTIP ZONE	0. 1444	R LEASE NAME
2. NAME OF OPERATOR				9. WELL N	Tribel "P"
AMUCU PROPU	CTION COMPANY			9. WELL S	8
	Drive, Farmin	gton, New Mex	Leo 87401	10. FIELD	AND POOL, OR WILDCAT
4. LOCATION OF WELL (R At surface	eport location clearly a	nd in accordance with a	ny State requirements.*)		Dame Penn. "D"
1980'	FSL, 660' FEI	., Section 🎉 🥻	r-26-n, r-18-w	AND S	., R., M., OR BLK. URVEY OR AREA
At proposed prod. zor	ie	_5			E/4 Section 5,
4. DISTANCE IN MILES	AND DIRECTION FROM NI	CAREST TOWN OR POST O	FFICE*	12. COUNT	Y OR PARISH 13. STATE
23 miles so	uth of Shiproc	k, New Mexico		San Ju	
15. DISTANCE FROM PROP LOCATION TO NEARES	T	660'	3. No. of acres in lease	17. NO. OF ACRES AS:	signed 160
PROPERTY OR LEASE ! (Also to nearest dr)	g. unit line, if any)		PROPOSED DEPTH	20. ROTARY OR CABLE	
18. DISTANCE FROM PROF TO NEAREST WELL, II OR APPLIED FOR, ON TH	RILLING, COMPLETED,	68751	6550'	and the case of th	Rotary
21. ELEVATIONS (Show wh				22. APPR	OX. DATE WORK WILL START*
5718' est.	GL				pril, 1977
23.		PROPOSED CASING	AND CEMENTING PROGRA	AM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT		QUANT	ITY OF CEMENT
17-1/4"	new 13-3/8"	54.5#/J-55	100'	100 sx	
11" 7-7/8"	new 8-5/8"	28# /H-40 15.50#/J-55	1500' 6550'	500 ax	(circ - 2 stages)
, .	new 5-1/2"	1	1	1	
Formation. well will b A copy of a Attached is	Intermediate of drilled thro ill logs will i a Development	casing will bough the Pennsoe furnished to the Plan require	or plug back, give data on p	Morrison water leted from open a completion. MAR 21	1977 1977 1977 1977 1977 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000
zone. If proposal is to preventer program, if an 24.		onally, give pertinent d	ata on subsurface locations a	nd measured and true v	March 21, 1977
SIGNED ////	marly in	TITLE	Area Engineer	DA'	TE
(This space for Fed	eral or State office use)				
PERMIT NO.			APPROVAL DATE		
APPROVED BY	VAL, IF ANY :	TITLE		DAS	PE

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions. Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, glowing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE: 1974-781-025/VIII-239

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.

Operator			Le	ease			Well No.	
Amoco Produ	uction Compa	any		Navajo Tri	bal P	8		
Unit Letter	Section	Township		Range	County			
I	5	26N		18W	San	Juan		
Actual Footage Loc	ation of Well:							
1980	feet from the	South	line and	660	feet from the	East	line	
Ground Level Elev.	Producing I		Po	ool		I	Dedicated Acreage:	
5718 est.	Penn.	"D"		Tocito Dome	Penn. "D'	<u> </u>	160 Acres	
2. If more th	_			by colored pencoutline each and			e plat below.	
3. If more that dated by c	n one lease of ommunitization	unitization, fo	orce-pooling.	. etc?		e interests of	all owners been consoli-	
Yes				onsolidation			. /7	
		e owners and t	ract descrip	tions which have	e actually b	een consolidat	ted. (Use reverse side of	
	f necessary.)	1	1 11 .	1 1	1 • 1	. 1 /1		
							unitization, unitization,	
-	ling, or otherwis	e) or until a no	n-standard v	init, eliminating	such intere	sts, nas deen a	approved by the Commis-	
sion.								
r	1			1		T	CERTIFICATION	
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	1					Name		
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	1			1		Company		
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	!			l			ertify that the well location	
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							Kerr Jr.	
						Certificate No		
0 330 660	90 1320 1650	980 2310 2640	2000	1500 1000	500	。 3950		

NAVAJO TRIBAL "P" NO. 8 1980' FSL, 660' FEL, SECTION 5, T-26N, R-18W SAN JUAN COUNTY, NEW MEXICO

CERTIFICATION

I hereby certify that I, or persons under t	ny direct supervision,
have inspected the proposed drillsite and a	access route, that I
am familiar with the conditions which prese	ently exist; that the
statements made in this plan are, to the be	est of my knowledge,
true and correct; and, that the work assoc	rated with the operations
proposed herein will be performed by A	noco Production
Company and its contractors	and sub-contractors in
conformity with this plan and the terms and	d conditions under which
it is approved.	

March 21, 1977

Date

Mame and Title

DEVELOPMENT PLAN NAVAJO TRIBAL "P" NO. 8 1980' FSL, 660' FEL, SECTION 5, T-26N, R-18W SAN JUAN COUNTY, NEW MEXICO

The terrain where this well is to be located is flat with very sparse vegetation consisting of grasses. The soil is very sandy. There is evidence of grazing and small animal life. Access will be via a small existing trail to the east of the well. Only about 30 feet of new road will be made. Geological name of the surface formation is Gallup Sandstone. No construction materials will be used for building the location. No location cut will be required. Verbal approval of the drill site has been obtained from Mr. Leonard Feller of the Bureau of Indian Affairs, Mr. Don Miller and Mr. Bill Hoppe of the United States Geological Survey, and Mr. Charles Morrison of the Navajo Tribe. Archeological clearance has been granted by Ms. Pat Zarnowski, Archeologist.

Water will be hauled from Amoco's Navajo Tribal "P" No. 1 water well, about 1.5 miles. Drilling fluid to 1500' will be native mud and from 1500' to 6550' (TD) will be low solids mud. Upon completion the location will be cleaned up and leveled. Drilling mud and water will be hauled away and the reserve pit backfilled. Attached is the BLM seeding plan to be followed for this well. In addition, all surface equipment will be painted according to BLM requirements.

There are neither airstrips nor camps in the vicinity.

The estimated tops of important geological formations bearing hydrocarbons are:

Formation	<u>Depth</u>	Elevation
DeChelly	3770 '	+1963'
Cutler	4360 '	+1374'
Penn "D" Porosity	6370 '	+ 640'

Estimated KB elevation: 5730'

Est. Depth	Csg. Size	Weight	Hole Size	Sacks Cement - Type
100' 1500'	13-3/8" 8-5/8"	61# 28#	17-1/4" 11"	100 - Class "B", 2% CaCl2. 450 - Class "B", 6% Gel, 2# Med.
6550 '	5-1/2"	15.5#	7-7/8"	Tuf Plug/sx. 50 - Class "B", 2% CaCl2. 900 - Class "B", 6% Gel, 2# Med. Tuf Plug/sx, 0.2% friction
				reducer. 100 - Class "B", 6% Gel.

Amoco's standard blowout prevention will be employed, see attached drawing for blowout preventer design.

Amoco plans to run the following logs: Induction-Electric from 1500' - TD; Sonic Gamma Ray from 4360' - TD. No drill stem tests will be taken. Conventional core will be cut from 6230-6280' in the Penn. "D".

In the past, drilling in this area has shown that no abnormal pressure, temperatures or hydrocarbon gas will be encountered.

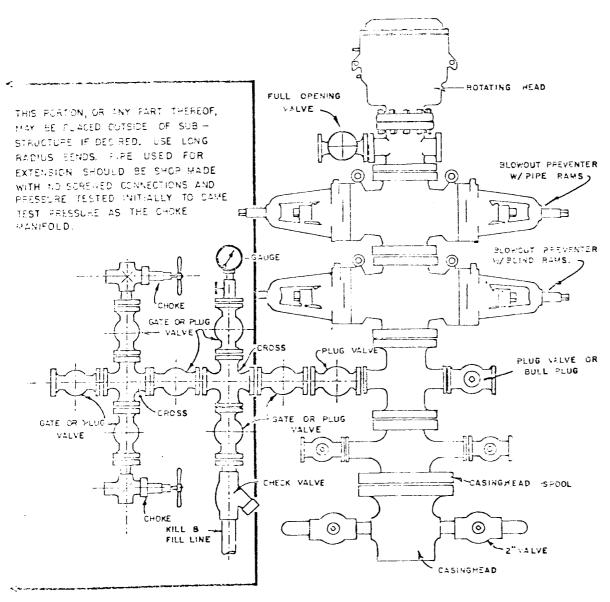
Our proposed starting date is April, 1977, and a four-week operation is anticipated.

BLM SEEDING REQUIREMENTS IN THE FARMINGTON RESOURCE AREA

MIXTURE 3

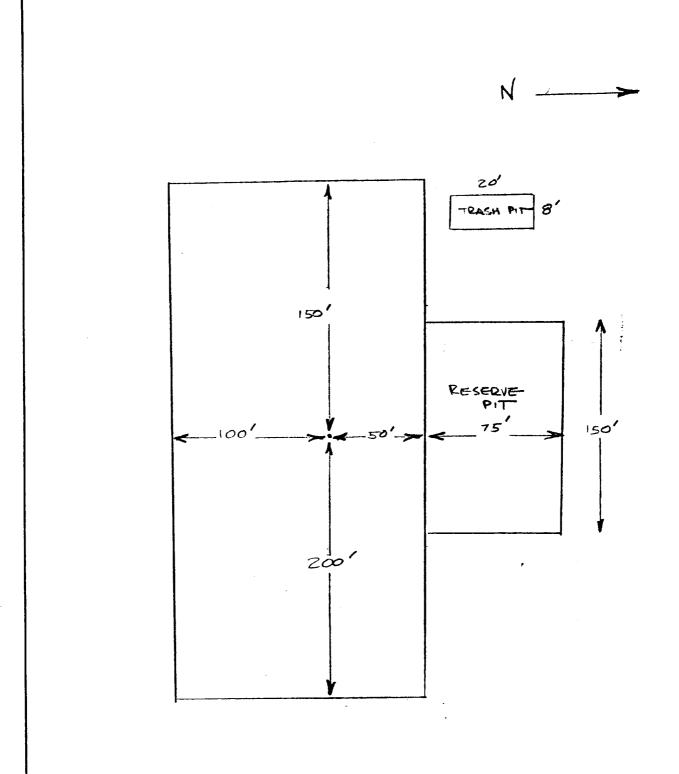
SPECIES TO BE PLANTED IN POUNDS PURE-LIVE-SEED PER ACRE:

FOURWING SALTBUSH (dewinged) (Atriplex conescens)	1/2 lb.
SAND DROPSEED (Sporobolus cryptandrus)	1-1/2 lbs.
WINTERFAT (Eurotia lanata)	1/2 lb.
ALKALI SACATON (Sporobolus airoides)	1-1/2 lbs.
SHADSCALE (Atriplex confertifolia)	3/4 1b.

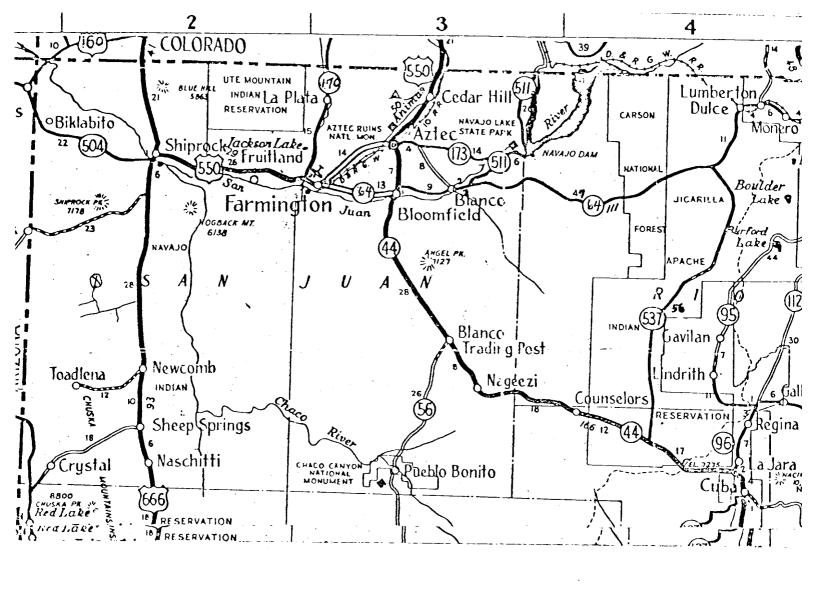


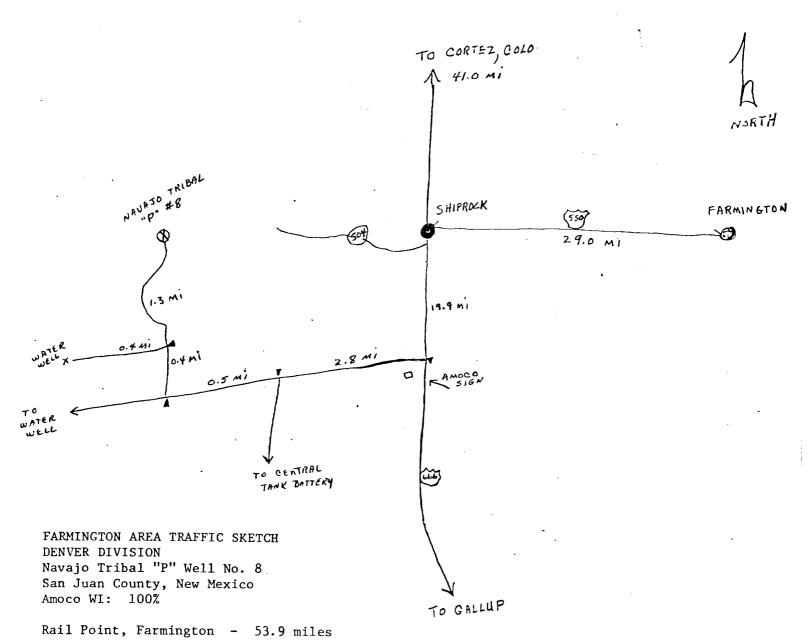
BLOWOUT PREVENTER HOOKUP

EXHIBIT D-4 OCTOBER 16,1969



	Amoco Production Company		SCALE: NONE
NAVAJO TRIBAL	"P" NO. 8 - LOCATION	SKETCH	DRG. NO.





- 53.9 miles

Mud point, Farmington

Cement Point, Farmington - 53.9 miles