CONDITIONS OF APPROVAL, IF ANY:

SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

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	ユロ	-0	39	/_	21	4	フラ
5.	LEASE	DESIGN	ATION	AND	SERIAL	NO.	- /

DATE_

	GEOL	OGICAL SURV	/EY		NM 14923	
APPLICATIO	N FOR PERMIT	TO DRILL,	DEEPEN, OR PLUG	BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
TYPE OF WELL	GAS OTHER	DEEPEN		riple [7. UNIT AGREEMENT NAME Valencia Canyon Unit 8. FARM OR LEASE NAME	
	DUCTION COMPANY				9. WELL NO.	
ADDRESS OF OPERATOR		 			6	
501 AIRPU	RT DRIVE, PARHI	MIN MOTOR	ith any State requirements.*)		10. FIELD AND POOL, OR WILDCAT	
At surface			ith any State requirements.*) 7. T-28-k; R-4-k		Chosa Mesa Pictured Cli	
At proposed prod. ze	11. SEC., T., B., M., OR BLE. AND SUBVEY OR AREA SE/4 NE/4 Section 35.					
Same	ме				1-28-11, R-4-11	
DISTANCE IN MILES	AND DIRECTION FROM NE	AREST TOWN OR PO	ST OFFICE*		12. COUNTY OR PARISH 13. STATE	
il miles	SE of Cobernado	r			Rio Arriba New Mexic	
DISTANCE FROM PROLOCATION TO NEARE PROPERTY OR LEASE	ST	_	16. No. of acres in lease		OF ACRES ASSIGNED THIS WELL	
(Also to nearest dr	lg. unit line, if any)	1075'	640		160 / Jan	
DISTANCE FROM PRO TO NEAREST WELL, OR APPLIED FOR, ON T	DRILLING, COMPLETED,	30351	19. PROPOSED DEPTH 449() *	20. ROTA	ARY OR CABLE TOOLS	
	hether DF, RT, GR, etc.)	30 33	4427		22. APPROX. DATE WORK WILL START*	
7	305' GL est.				As soon as permitted	
		PROPOSED CASI	NG AND CEMENTING PROG	RAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER I	FOOT SETTING DEPTH		QUANTITY OF CEMENT	
12-1/4	8-5/8°°	245	3001		225 sx	
<i>6</i> −1/4°	4-1/2"	9.55	44901		1340 sx	
Cliffs Field System. is not dedi ABOVE SPACE DESCRIE	d. The well wi Completion de cated. Attache	il be drill sign will b d is a Deve	ether develop the ed with a low soli e based on open ho clopment Plan requi	ds non-ele logs. red by l	dispersed. This acreage STL-6. JUL 26 1977 JUL CON. 3 OIL CON. 3 ductive sone and proposed new productive	
venter program, if a	drill on deepen direction			and measure		
	drill or deepen direction		Area Engineer		d and true vertical depths. Give blowout	
SIGNED	drill or deepen direction		Area Engineer		d and true vertical depths. Give blowout DATE 7/12/77	
	drill or deepen direction		Area Engineer		1/12/11	
(This space for Fed	drill or deepen direction		Area Engineer		1/12/11	
	drill or deepen direction	TI	Area Engineer		1/12/11	

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

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 applicable Stute or Federal regulations concerning subsequent work proposals or reports on the well.

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. Consult

be obtained from, the local Federal and/or State office.

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, showing 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: 1963—O-711-396

		All distances must be i	from the outer bound	aries of the Section	n.	
Operator			Lease			Well No.
Amoco Petroleum Company			Valencia Canyon Unit			6
Unit Letter			Range			
H	35	28N	ЪМ	Rio A	rriba	
Actual Footage Loc		4				
1850	feet from the NO	rth line and	1075	feet from the	East	line
Ground Level Elev:	Producing For	mation	Pool		1	Dedicated Acreage;
7305	Picture	d Cliffs	Choza Mesa	Pictured C1	iffs.	168 Acres
2. If more th interest ar	an one lease is ad royalty).		l. outline each a	and identify the	ownership th	e plat below. nereof (both as to working all owners been consoli-
dated by c Yes If answer this form i	ommunitization, to No If and is "no," list the finecessary.)	nswer is "yes," type o	ng. etc? of consolidation criptions which h	nave actually b	een consolida	
	_				•	approved by the Commis-
	s 79ô	<u> </u>	10781	51	Name	ertify that the information con- rein is true and complete to the knowledge and belief. KRUPKA ENGINEER
		Sec 35			Date JULY	O PRODUCTION COMPANY 12, 1977
			OIL ONE	00 10 10 10 10 10 10 10 10 10 10 10 10 1	shown on notes of under my is true a knowledge	on 1977 Professional Engineer
	l inch = l	L320¹			Fred B. Certificate	Kerr Jr.

VALENCIA CANYON UNIT NO. 6 1850 FNL & 1075 FEL, SECTION 35, T-28-N, R-4-W RIO ARRIBA COUNTY, NEW MEXICO CERTIFICATION

I hereby certify	that I, or persons under my direct supervision,
have inspected th	e proposed drillsite and access route, that I
am familiar with	the conditions which presently exist; that the
statements made i	n this plan are, to the best of my knowledge.
true and correct;	and, that the work associated with the operations
proposed herein w	ill be performed by Amoco Production
Company	and its contractors and sub-contractors in
conformity with t	his plan and the terms and conditions under which
it is approved.	

LO Spen Ja

JULY 12, 1977

AREA SUPT.

Date

Name and Title

DEVELOPMENT PLAN VALENCIA CANYON UNIT NO. 6 1850 FNL & 1075 FEL, SECTION 35, T-28-N, R-4-W RIO ARRIBA COUNTY, NEW MEXICO

The proposed location has big sagebrush and various grasses with occasional pinon trees. The geological name of the surface formation is the Paleozoic San Jose. A new road 1000' will be required. No construction materials will be used for building the location; dirt will be leveled at the well site. Verbal approval of the drill site has been obtained from Mr. Dick C. Cooke, U. S. Forest Service; Mr. Jerry Long, USGS; and Ms. Dabney Ford, Archaeologist.

Arrangements are being made to haul water from Carrizo Wash or from the El Paso water hole on existing roads, approximately ten miles. Drilling fluid to TD will be a low solids non-dispersed mud system. 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 seeding plan to be followed for this well.

There are neither airstrips nor camps in the vicinity.

The estimated tops of important geological formations bearing hydrocarbons are:

FORMATION	DEPTH	ELEVATION	
Pictured Cliffs	4180 '	+3125'	
Lewis Shale	4330 '	+2975'	

Estimated KB elevation:

Est. Depth	Csg. Size	Weight	Hole Size	Sacks Cement - Type
300 ' 4490'	8-5/8" 4-1/2"	24# 9.5#	12-1/2" 7-7/8"	175 sx - Class "B", 2% CaCl ₂ . 990 sx - Class "B", 6% Gel, 2# Med. Tuf Plug/sx. 50 sx - Class "B" Neat.

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

Amoco plans to run the following logs: from 300 to TD, Induction-Electric; from 2470 to TD, Density-Gamma Ray. No cores or Drill Stem Tests will be taken.

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

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

SEEDING PLAN

1. TIME:

All seeding will take place between July 1, and September 15, 1978, or as required by the U. S. Forest Service.

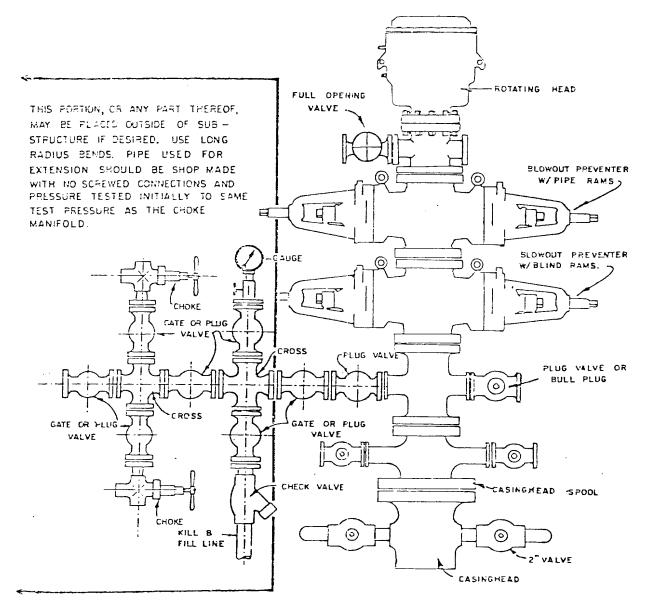
2. EQUIPMENT:

Conneted ITheretone

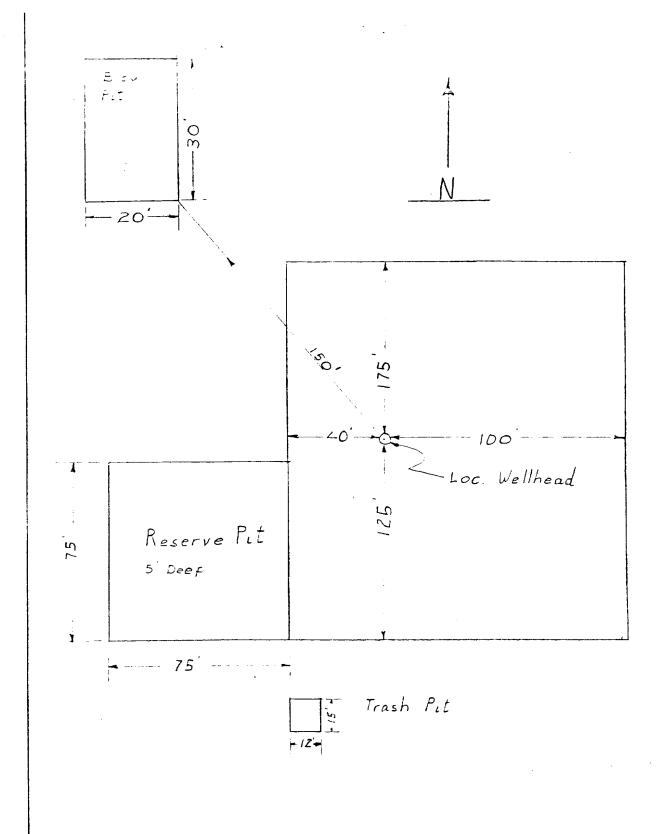
Seeding will be done with a disc-type drill with two boxes for various seed sizes. The drill rows will be eight to ten inches apart. The seed will be planted not less than one-half inch deep or more than one inch deep. The seeder will be followed with a drag, packer, or roller to insure uniform coverage of the seed, and adequate compaction. Drilling will be done on the contour where possible, no 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.

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

Crested Wheatgrass	0.71 lbs.
Russian Wild Rye	0.86 lbs.
Perennial Rye Grass	0.57 lbs.
Western Wheatgrass	1.43 lbs.
Smooth Brome	1.14 lbs.
Intermediate Wheat	0.91 lbs.
Pubescent Wheatgrass	1.09 lbs.
Orchard Grass	.298 lbs.



BLOWOUT PREVENTER HOOKUP



_APPROXIMATELY 1.2 Acres

Amoco Production Company	SCALE: NONE
DRILLING LOCATION SPECS	
VALENCIA CANYON UNIT NO. 6	DRG. NO.

