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Form approved.

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(Also to nearest drig DISTANCE FROM PROPERTY	OSED LOCATION*			OSED DEPTH	20. ROZ	ARY OR	CABLE TOOLS	
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3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico 87401							ELD AND POOL, O	R WILDCAT
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NAME OF OPERATOR						0 WF	LL NO.	<u> </u>
OIL CAL	S OTHER	INFILL	HING Zone		LE .	S. FAI	M OR LEASE NAM	10
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APPLICATION	DEPARTMENT GEOLOG		ITERIO	OR		(30-045	

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CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY ___

NMOCO

TITLE _

DISTRICT ENGINEER

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107 kerised 10-1-78

SANTA FE, NEW MEXICO 87501 LHERGY ALS MINERALS DEPARTMENT All distances must be from the cuter houndaries of the Section Well No. Cycrator 96-E GALLEGOS CANYON UNIT AMOCO PRODUCTION COMPANY Township Unit Letter San Juan 12W 29N 18 В Actual Footage Location of Well: East 1590 North feet from the line feet from the line and Dedicated Acreage: Pool Producing Formation Ground Level Elev. Basin Dakota 320 Acres Dakota 5601 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? If answer is "yes," type of consolidation Unitization (Gallegos Canyon Unit) No X 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 con-1076 tained herein is true and complete to the י1590 SF-078370 B. E. FACKRELL DISTRICT ENGINEER SF-078303 SF-078370 AMOCO PRODUCTION COMPANY JANUARY 22, 1980 Sec. 18 that the well location Amoco operates Gallegos Canyon Unit with a 51.7% working interest. SF-078303 -DIST. 3 0 THEO LAND SU Fre Certific

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SUPPLEMENTAL INFORMATION TO FORM 9-331C

GALLEGOS CANYON UNIT NO. 96E 940' FNL & 1590' FEL, SECTION 18, T29N, R12W SAN JUAN COUNTY, NEW MEXICO

The	geologic	name of	the	surface	formation	is	the	Tertiary Ojo Alamo	_
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Estimated tops of important geologic markers and potential water, oil, or gas bearing formations:

FORMATION	DEPTH	ELEVATION
Ojo Alamo	1	1
Kirtland	1	•
Fruitland	1262 '	4352 '
Pictured Cliffs	1522 '	4092
Chacra (if present)	†	1
Mesaverde Cliff House Point Lookout	3032 - 1 3927 '	2582 \\ 1687 \
Gallup	5187 '	427
Dakota	5992 '	-378 '
TD	6500	-886

Estimated KB elevation: 5614

Drilling fluid to TD will be a fresh water, low solids non-dispersed mude system. Open hole logging program will include logs from TD to below surface casing:

- SP-GR-Induction - FDC-CNL-GR

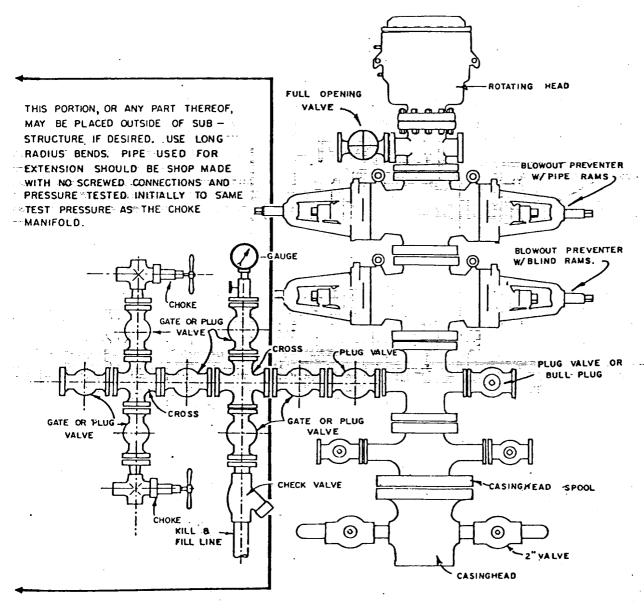
Completion design will be based on these logs. No cores or drill stem tests will be taken.

Operations will commence when permitted and last approximately 3 weeks.

Amoco's standard blowout prevention will be employed (see attached drawing).

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

- 1. Blowout Preventers and Master Valve to be fluid operated, and all fittings must be in good condition.
- 2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
- 3. Nipple above Blowout Preventer shall be same size or larger than BOP being drilled through.
- 4. All fittings to be flanged.
- 5. Omsco or comparable safety valve must be available on rig floor at all times with proper connection or sub. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe, or at least as great as I.D. of drill collars.



BLOWOUT PREVENTER HOOKUP

API Series # 900

EXHIBIT D-4
OCTOBER 16,1969

Operation of BOP by closing both pipe and blind rams will be tested each trip or, on long bit runs, pipe rams will be closed once each 24 hours.

MULTI-POINT SURFACE USE PLAN

GALLEGOS CANYON UNIT NO. 96E 940' FNL & 1590' FEL, SECTION 18, T29N, R12W SAN JUAN COUNTY, NEW MEXICO

- 1. The attached topographic map shows the proposed route to the location.
- 2. It will be necessary to build an access road approximately one-half mile in length and 20 feet wide. Road to be bar ditched on two sides.
- 3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the lease road map.
- 4. There is a 380-barrel tank and facilities located at Gallegos Canyon Unit Well No. 96 (0-18-29-12).
- 5. Water will be hauled from the San Juan River.
- 6. No construction materials will be hauled in for this location.
- 7. A 125' by 125' pit will be built on location to hold all drilling waste. Upon completion of the well, pit will be fenced and waste and liquids left to dry, then pit will be filled and leveled.
- 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 10-foot cut will be made on South side.
- 10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of the well. Drilling mud will be hauled away and the reserve pit back filled. Reseeding of the site will be carried out as instructed by the Bureau of Land Management.
- II. The general topography is a broken slope on rolling mesastop with sandstone outcrops. The soil is a sandy, clayey loam. Vegetation consists of Juniper, rabbitbrush, yucca, snakeweed, saltbush, and native grasses.

Representatives of the U.S. Geological Survey's Farmington Office and the Bureau of Land Management inspected the site with Amoco personnel. Cultural resources inspection was conducted by an archaeologist from San Juan College.

12. Operator's Representative: R. W. Schroeder

Phone: Office: 505-325-8841; Home: 505-325-6164 Address: 501 Airport Drive, Farmington, NM 87401

<u>Certification</u>: 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 will be performed by <u>AMOCO PRODUCTION COMPANY</u> and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date March 6, 1980

R. W. Schroeder, District Superintendent

