30-045-24166

5. LEASE DESIGNATION AND SERIAL NO.

UNITED STATES DEPARTMENT OF THE INTERIOR

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

TITLE District Engineer December 14. (This space for Federal or State office use) PERMIT NO	GEOLOGICAL SURVEY						SF-077	386A	
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	PERMIT NO.				APPROVAL DATE				· · · · · · · · · · · · · · · · · · ·
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CONDITIONS OF APPROVAL, IF ANY:						-:			

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

All distances must be from the cuter houndaries of the Section.

Operator			Lease	Well No.				
	UCTION COMPAN		JOHNSON GAS CO	1-E				
Unit Letter	Section	Township	Range	County	·			
I Actual Footage Loc	21	28N 27N	10W	San Juan				
1850		South line and	1115 feet	from the East	line			
Ground Level Elev. Producing Formation			Pool		Dedicated Acreage:			
6081	Dakota		Basin Dakota		320 - Acres			
 Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 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? X Yes No If answer is "yes," type of consolidation Communitization								
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.								
<u> </u>	i			777	CERTIFICATION			
	+		Amoco et al Federa SF-07738	tained he best of m	certify that the information con- crein is true and complete to the cy knowledge and belief August FACKRELL			
	1			Company AMOCO I	CT ENGINEER PRODUCTION COMPANY			
	Se		1	NOVEMBI	ER 20, 1979			
		et al SF-077386-A		shown on notes of under my is true of	certify that the well location this plat was plotted from field actual surveys made by me or supervision, and that the same and correct to the best of my e and belief.			
		Amocol	18501	Date Survey Novemb Registered and/or Land Fred B Certificate	er 1920 LAMA 90. Frates padi Engline 25. Sarrefor Ho. Rorro Jr. 4			
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SUPPLEMENTAL INFORMATION TO FORM 9-331C

JOHNSON GAS COM "B" NO. 1E 1850' FSL & 1115' FEL, SECTION 21, T27N, R10W SAN JUAN COUNTY, NEW MEXICO

The geologic name of the surface formation is the Tertiary Nacimiento.

Estimated tops of important potential hydrocarbon bearing formations:

FORMATION	DEPTH	ELEVATION
Fruitland	1619'	+4475 '
Pictured Cliffs	1839'	+4255 '
Mesaverde	3404'	+2690 '
Dakota	6291'	- 197 '
TD	6605 '	

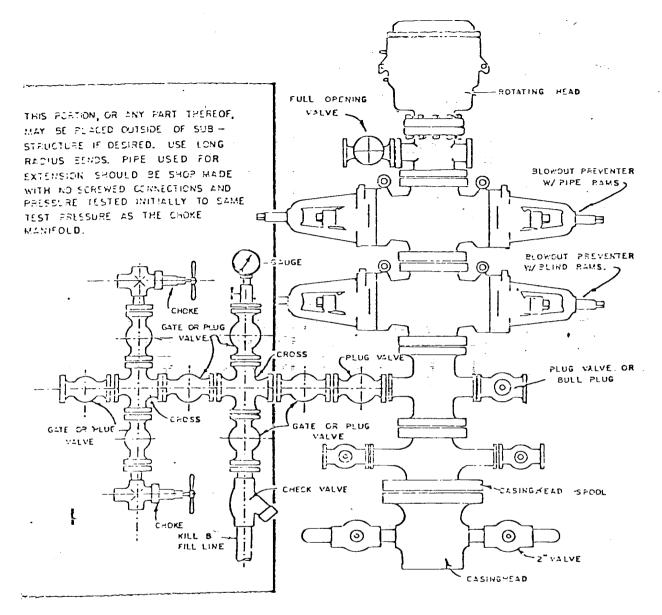
Estimated KB elevation: 6094

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

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).



BLOWOUT PREVENTER HOCKUP

EXHIBIT D-4
OCTOBER 16,1989

MULTI-POINT SURFACE USE PLAN

JOHNSCN GAS COM "B" NO. IE 1850' FSL & 1115' FEL, SECTION 21, T27N, RIOW SAN JUAN COUNTY. NEW MEXICO

- 1. The attached topographic map shows the proposed route to the location.
- 2. It will not be necessary to build any access road.
- 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 380-barrel tank and facilities located at Johnson Gas Com "B" Well No. I.
- 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 3-foot cut will be made on southeast 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 flat area, on edge of Kutz Wash, with a sandy soil. Vegetation consists of native grasses and brush.

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

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

Date _____December 14, 1979

R. W. Schroeder, District Superintendent

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