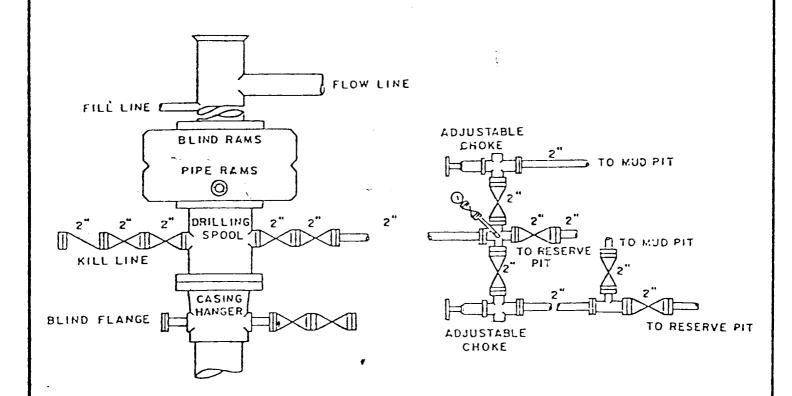
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S/Homer Meyer, Acting Area Manager	PERMIT NO	. 2		APPROVAL DATE			
APPROVED BY STRUMEL WEYER, ACTING Area Manager DATEC 3 1 1986		C/Homor Mouse Assis	.~	A			
	APPROVED BY	Sinollier Weyer, Actin	Ig TITILE	Area Manager		DATEC 31	1986

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO COMDUCT OPERATIONS THEREON.

## P. O. BOX 2088

			All dies	onces must be i		er boundarie	of the Section	<u>m.</u>	Well No.
McKay Oil Corp.					Lookout Federal				#9
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MCKAY OIL CORPORATION
Lookout Federal #9
NE/4NW/4 Sec. 9-6S-22E
Chaves County, New Mexico



## BOP DIAGRAM

3000# Working Pressure Rams Operated Daily

## SUPPLEMENTAL DRILLING DATA

McKAY OIL CORPORATION Lookout Federal #9 NE/4NW/4 Sec. 9-6S-22E Chaves County, N.M.



NM 36192

The following items supplement Form 9-331C in accordance with instructions contained in NTL-6.

- 1. SURFACE FORMATION: San Andres
- 2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Yeso - 883 Tubb - 2444' Abo - 3144'

- 3. ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATION:

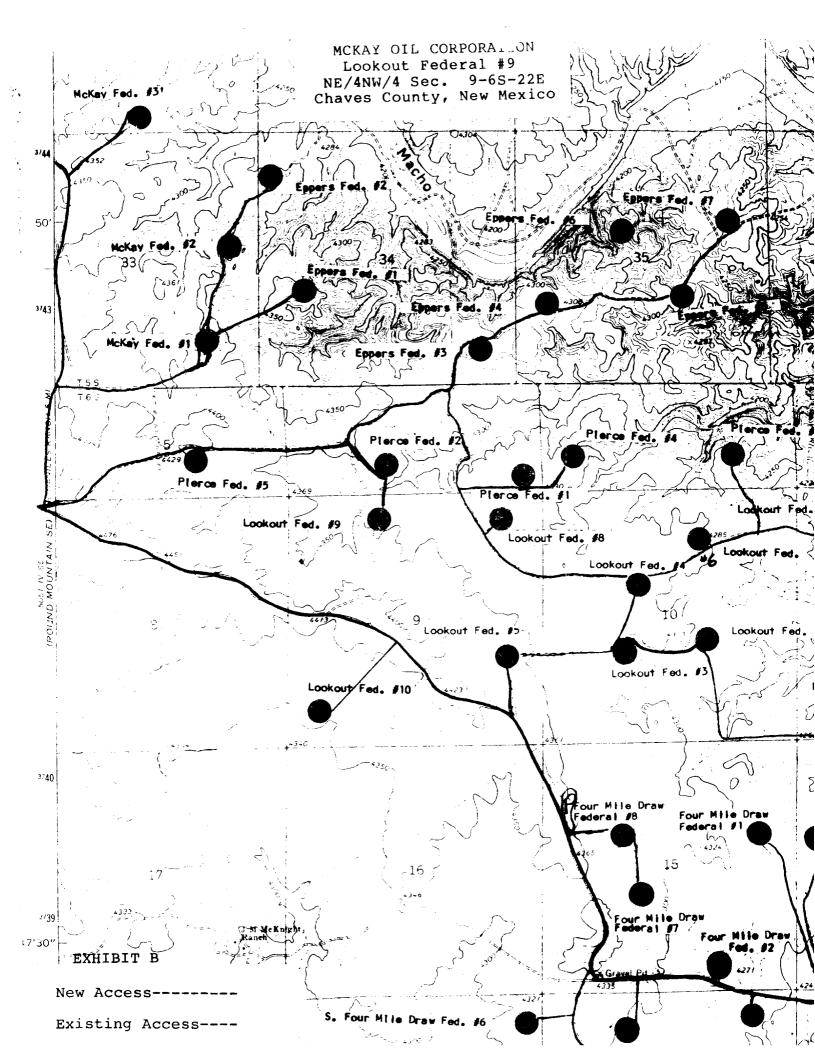
  Fresh water In surface formations above 600'

  Gas In Abo formation below 3144'
- 4. PROPOSED CASING PROGRAM: See Form 9-331C
- 5. PRESSURE CONTROL EQUIPMENT: Blowout preventer stack will consist of at least a double-ram blowout preventer rated to 3000 #WP. A sketch of the BOP is attached.
- 6. CIRCULATING MEDIUM:
  - 0'- 700' Lime and gel, spud mud, viscosity 32 to 34 seconds.

    700'- 3044 Fresh water

    3044'- TD Start mudding up at 3044'; viscosity 36 to 38 seconds; water loss 10 cc or less; 3-5% Diesel; 2 KCL

    Mud additives will be used to control water loss.
- 7. AUXILIARY EQUIPMENT: full-opening drill string safety valve fit the drill string in use, will be kept on the rig floor at all times.



MCKAY OIL CORPORATION
Lookout Federal #9
NE/4NW/4 Sec. 9-6S-22E
Chaves County, New Mexico

