

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 86211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name <i>WILDCAT (CISCO AND MERRILL)</i>
Property Code	Property Name B & C FEDERAL 25	Well Number 1
OGRID No. <i>000990</i>	Operator Name ARCO PERMIAN	Elevation 4388

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	25	20 S	21 E		660	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <i>160</i>	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

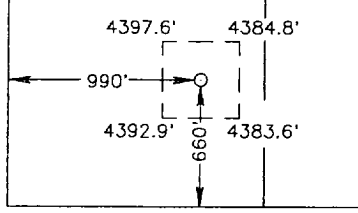
	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Laurie Cherry</i> Signature LAURIE CHERRY Printed Name REG. COMP. ASST. Title 10-3-99 Date	
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. SEPTEMBER 10, 1999 Date Surveyed DMCC Signature & Seal of Professional Surveyor <i>Ronald J. Edson</i> RONALD J. EDSON Professional Surveyor 3239 9-13-99 98-11-0735 Certificate No. RONALD J. EDSON 3239 EDSON 12641 EDSON-MCDONALD 12185	

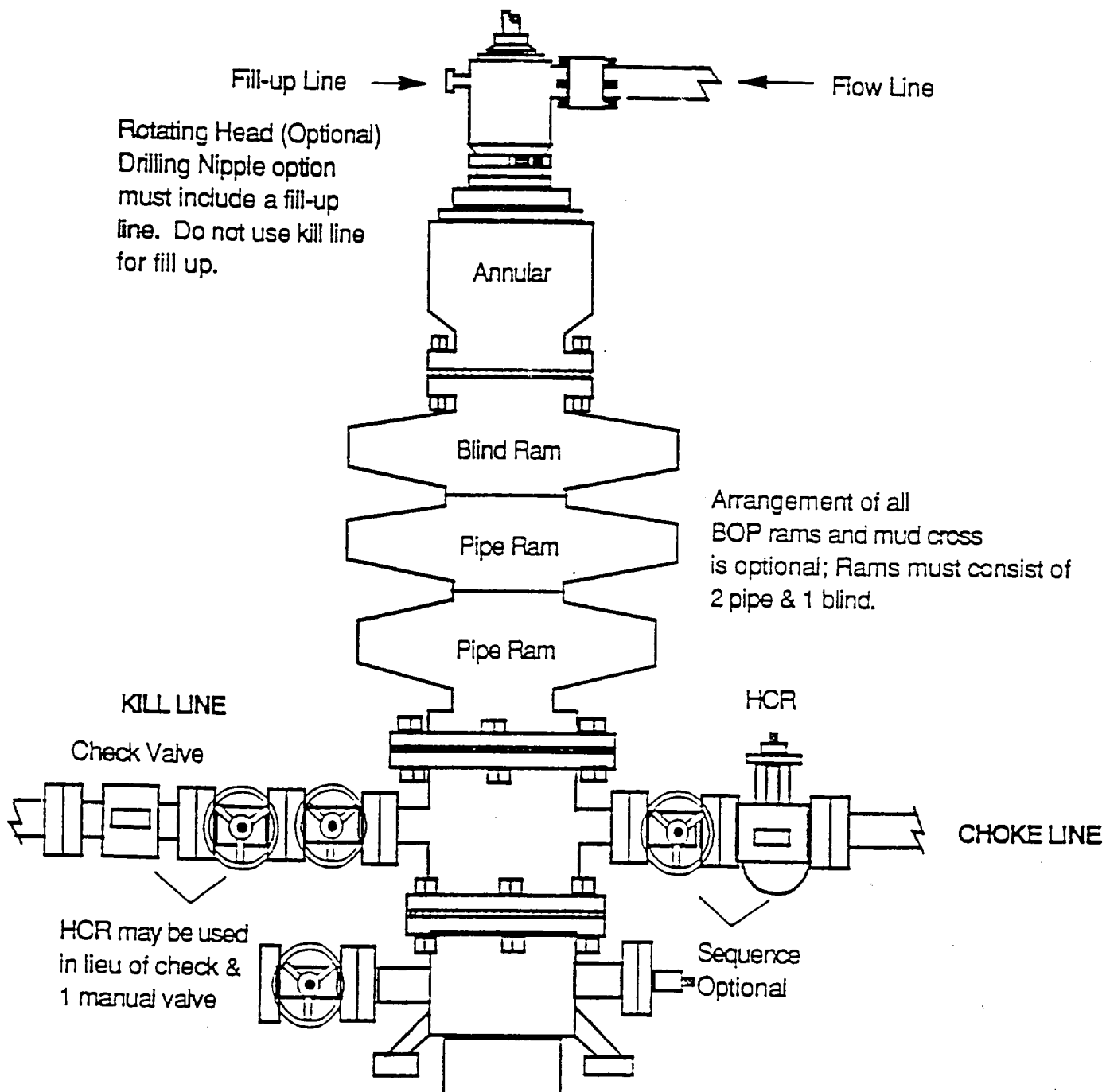


EXHIBIT 1

DRILLING OPERATIONS

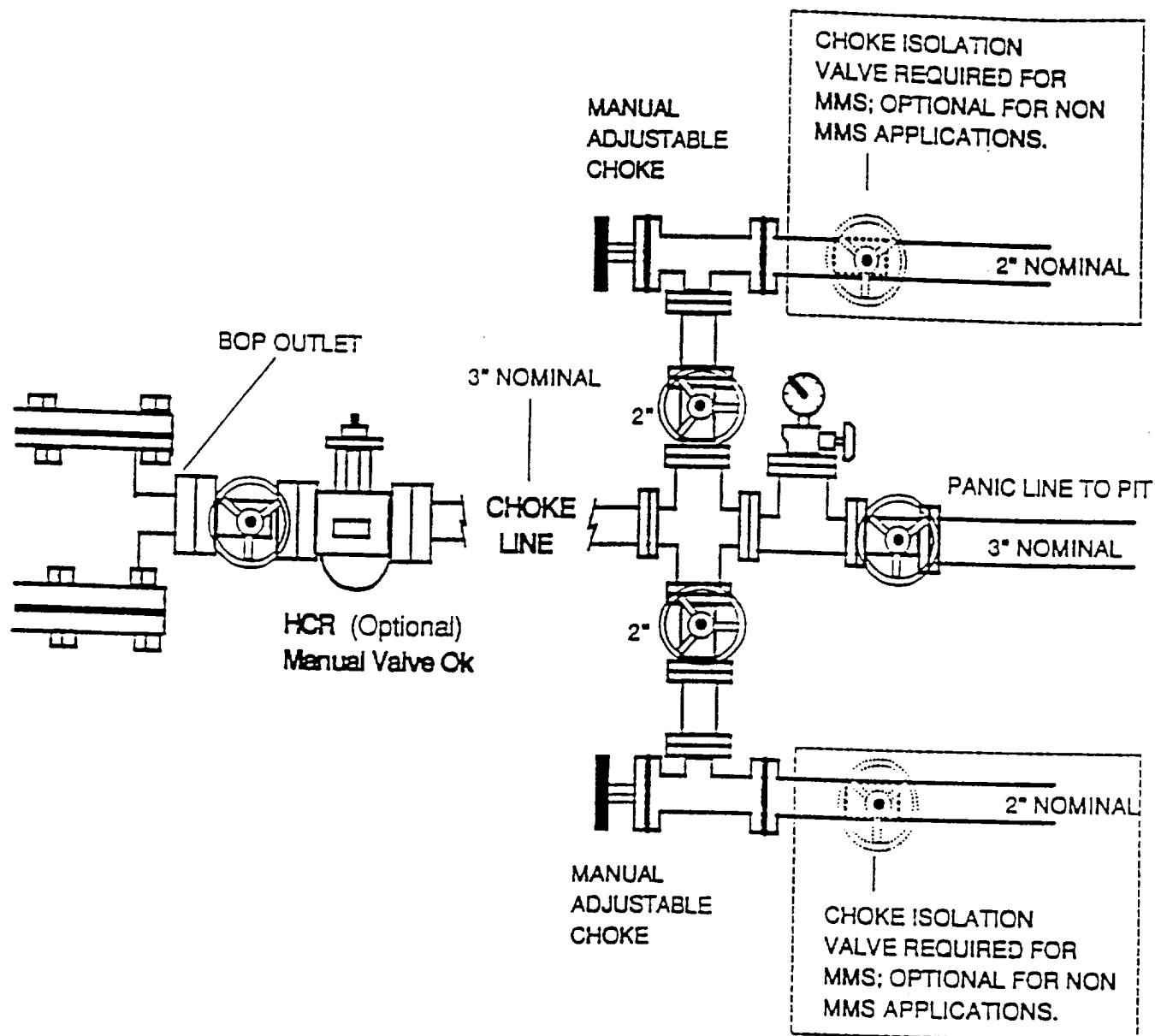
CLASS -1: NORMAL PRESSURE < 10PPG

OPTION - 2: MMS STANDARD; SINGLE SIZE DRILL STRING





DRILLING OPERATIONS
CHOKE MANIFOLD
2M AND 3M SERVICE





BLOWOUT PREVENTION EQUIPMENT SPECIFICATIONS

1. All BOP equipment shall be fluid and/or mechanically operated.
2. BOP's and all fittings will be in good working condition.
3. Equipment through which the bit must pass shall be at least as large as the casing size being drilled.
4. The nipple above the BOP shall be at least the same size as the last casing set.
5. The upper kelly cock with handle and lower kelly cock shall be rated at the BOP working pressure.
6. A floor safety valve (full opening) or drill string BOP with appropriate pressure ratings shall be available on the rig floor with connections or subs to fit any tool joint in the string.
7. The minimum size choke line shall be 3 inches nominal diameter, with a minimum size for vent lines downstream of chokes of 2 inches nominal, and vent lines which by-pass shall be a minimum of 3 inches nominal and as straight as possible.
8. All valves, fittings and lines between the closing unit and the blowout preventer stack should be of steel construction with rated working pressure at least equal to working pressure rating of the stack. Lines shall be bundled and protected from damage.
9. Minimum size for kill line is 2 inches nominal.
10. Ram type preventers shall be equipped with extension hand wheels or hydraulic locks.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30 2000

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
B & C FEDERAL "25" 1

9. API Well No.

10. Field and Pool, or Exploratory Area
WILDCAT
(CISCO & MORROW)

11. County or Parish, State
EDDY NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
ARCO Permian

3a. Address P.O. BOX 1610, MIDLAND, TX 79702
3b. Phone No. (include area code) 915-688-5532

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 990' FWL
SEC 25, T20S, R21E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Casing Repair	<input checked="" type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other <u>INSTALL</u>
<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>FLOWLINE</u>
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

NOTIFICATION OF PLANS TO INSTALL FLOWLINE ON THE ABOVE LEASE TO FOLLOW
NEW AND EXISTING ROAD 5-10' FROM ROAD EDGE. 2-7/8" STEEL SURFACE LINE.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Title

REG./COMP. ASSISTANT

Date 10/4/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Acting Assistant Field Office Manager
Lands and Minerals

Date

Conditions of approval, if any, are attached. Approval of this notice 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 conduct operations thereon.

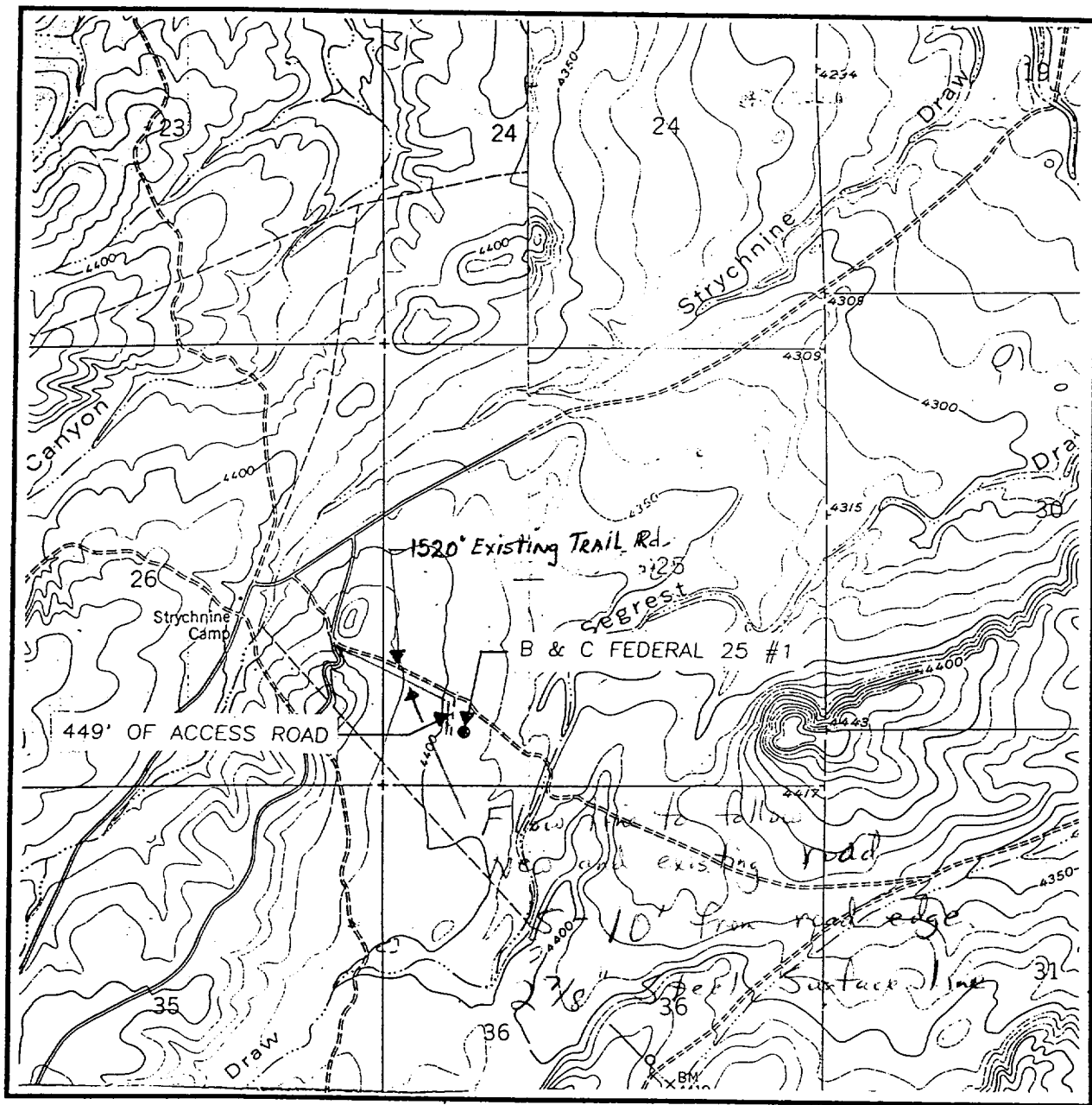
Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
STRYCHNINE - 20'
BOX CANYON RANCH - 10'

SEC. 25 TWP. 20-S RGE. 21-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 660 FSL & 990' FWL

ELEVATION 4388

OPERATOR ARCO PERMIAN

LEASE B & C FEDERAL 25

U.S.G.S. TOPOGRAPHIC MAP

STRYCHNINE, BOX CANYON RANCH, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117



DRILLING PLAN

Attachment to BLM Form 3160-3

ARCO Permian

Well: B & C Federal 25 #1

660'FSL, 990'FWL

Section 25, T20S-R21E

Eddy County, New Mexico

1. Surface Geological Formation

Quaternary Formation

2. Estimated Tops of Geological Markers

<u>Formation</u>	<u>TVD</u>
Abo	3500'
Wolfcamp	4675'
Cisco	5625'
Canyon	6600'
Strawn	6850'
Atoka	7400'
Morrow	7675'
Mississippian	8050'

3. Estimated Tops of Possible Water, Oil, Gas or Minerals:

Sands above 300'	Water
Cisco & Morrow	Oil or Gas

4. Pressure Control Equipment

<u>Interval, TVD</u>	<u>Pressure Control Equipment</u>
0'-1400'	Rotating Head
1400'-TD	11", 3M psi double ram preventer with 3M psi annular preventer

Exhibits 1, 2 and 3 show the BOP stack arrangement, the choke manifold arrangements and the BOP specifications, respectively. The BOPE will be hydraulically tested per BLM requirements outlined by Onshore Oil and Gas Order No. 2. Pipe rams and blind rams will be functioned on each trip out of the hole. All BOPE checks and tests will be witnessed by ARCO's representative and will be noted on the IADC daily drilling report. Accessories to BOPE will include an upper kelly cock, lower kelly cock, and floor safety valve; all with pressure rating equivalent to the BOP stack.

5. Proposed Casing and Cementing Program

	<u>Hole Size</u>	<u>Interval M.D.</u>	<u>Casing Size</u>	<u>Weight & Grade</u>
Surface	12-1/4"	0'-1400'	9-5/8"	36.0# J-55
Production	8-3/4"	0-8400'	5-1/2" 7"	17# J-55 or 26# J-55

Cement Program: (Actual volumes will be based on caliper log when available)

